

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.





62.09

# DEPENDABLE SEEDS 1940



## CAMPBELL SEED STORE

137 West Colorado Street

PASADENA

CALIFORNIA

## "Dependable Seeds"

Since 1907, Campbell's Seeds have been growing their own reputation.

May they grow a reputation for you and your garden?

All seeds are carried in bulk, so should you wish a larger quantity than a single packet, it will be to your advantage to specify price, as 15c, 25c, 50c, etc.

For instance: An order for 50c worth bulk will contain two or three times the seed in five 10c packets.

All seeds and books sent postpaid; prices of roots and plants do not include postage. All prices subject to change without notice.

Directions and advice are part of our service. Call on us when you want to hire a gardener.

Ask for our special Sweet Pea Circular and our Bulb List, both ready by August first.

Should you not find the certain variety of seed you want in this catalog, ask us for it. We are in touch with the leading growers in this country and abroad, and can obtain kinds not in stock in from 3 to 30 days.

## DEPENDABLE LAWN GRASS SEEDS

In making a lawn, there is only one grade of seed to use—the Best. Good seed saves many times the few cents additional of its cost, in better germination and freedom from weeds. We protect your results by selling only the best obtainable.

**Advice**, by the experienced members of our **Lawn Department**, is one of the most useful services available to our customers.

Renovation of old Bermuda Grass Lawns for the winter season is a specialty with our lawn department. Estimates are given on the job, with no obligation. We also have a Lawn Maintenance Service, available on contract.

Soil conditions, location, and season must all be considered when making a new lawn, or reseeding an old. Phone SYcamore 6-4356 for an appointment with our representative; or write, if you live outside the Pasadena-Los Angeles district, giving all possible facts.

**Kentucky Blue Grass** (*Poa pratensis*). Probably the best all-around grass for sunny lawns. Habit spreading, with fine, deep green blades. 1 lb. per 175 sq. ft. Lb., 45c.

**White Clover** (*Trifolium repens*). A rich green carpet by itself, but is usually combined with Blue Grass, for quick winter results. 1 lb. per 200 sq. ft. Lb., 85c.

**Pacey's Imported Rye Grass**. (*Lolium perenne select*). Very quick and serviceable. A perennial, it makes a fairly permanent lawn in either sun or shade if sown thickly. 1 lb. per 90 sq. ft. Lb., 30c.

**Italian (Domestic; Pacific) Rye Grass** (*Lolium italicum*). Little better than an annual, but excellent for quick effect, particularly in a Bermuda Grass lawn in winter, in sun or shade. Sow very thickly. 1 lb. per 90 sq. ft. Lb., 15c.

**Seaside Creeping Bent** (*Agrostis maritima*). Makes a beautiful, velvety turf, tending to keep out weeds, in either sun or shade. Requires careful attention, frequent cutting, and morning watering. 1 lb. per 300 sq. ft. Lb., \$1.25.

**Chewing's Fescue** (*Festuca rubra sp.*). A hardy, drought-resistant, fine-bladed creeping perennial for sun or shade. Especially valuable in mixtures, and for sandy soils. 1 lb. per 175 sq. ft. Lb., \$1.25.

**Meadow Fescue** (*Festuca elatior*). A hardy perennial, used chiefly as a temporary winter lawn grass in Southern California. Medium-fine to medium-coarse blades, and good color characterize it. 1 lb. per 100 sq. ft. Lb., 35c.

**Red Top** (*Agrostis alba*). A fine-bladed grass for quick effect, best mixed with other grasses. 1 lb. per 300 sq. ft. Lb., 35c.

**R. S. Meadow Grass** (*Poa trivialis*). A quick, permanent grass for full shade with soft, light-green leaves. 1 lb. per 200 sq. ft. Lb., 75c.

**Bermuda Grass** (*Cynodon dactylon*). Very drought- and heat-resistant, but requires raking and reseeding with other grasses for a green appearance in winter. 1 lb. per 250 sq. ft. Lb., 45c.

Prices subject to change without notice.



# NEW FLOWERS

## for Your 1940 Garden

The All-America Selections for 1940 will be found on this roster of "the best that's new" in flowers, the award being listed immediately after the name.

### **AGERATUM Midget Blue. Silver Medal A.A.S.**

Fulfilling a long-felt need for a dwarf blue Ageratum which would come perfectly true and even from seed, Midget Blue is assured of a place literally in the fore-front of countless gardens. Three inches high, with delicate fine foliage soon covered with small, true Ageratum-Blue flowers. Pkt., 25c.

### **ANTIRRHINUM Golden Rod.**

Rich golden yellow, wavy-petalled blooms, closely-spaced on thick, rod-like, base-branching stalks. Golde Rod justifies its name in something more than color. Two feet in height, this is the first good rust-resistant yellow in the medium height group so desirable for both cutting and bedding use. Pkt., 25c.

### **ANTIRRHINUM Rosalie. Bronze Medal A.A.S.**

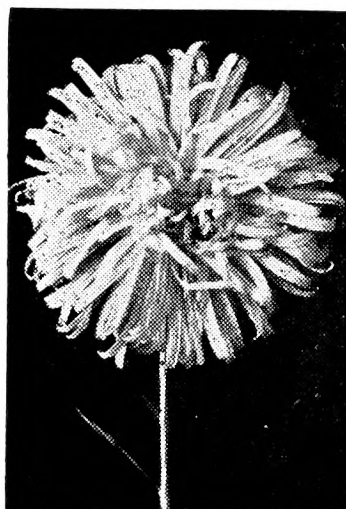
A striking new shade in Snapdragons: Intense rose-pink, deepening toward the center and with an amber suffusion. The rust-resistant plants are base-branching, with many tall spikes of well-arranged large florets, ideal for garden or bouquet. Pkt., 25c.

### **ASTER Giant Harmony Mixture.**

A new cut-flower type, with large 4-inch flowers on long, stiff stems; several rows of broad, short guard petals surround a full mounded center of short quilled petals. The mixture includes light and deep blue, flesh, peach blossom, rose, purple, and white. Pkt., 15c.

### **ASTER Rose Marie. Honorable Mention A.A.S.**

Bright rich rose-pink flowers on long stems, on plants which are strictly wilt-resistant. A grand addition to the Early Giant group, with its characteristic large, curly-petalled flowers, and early-blooming habit. Grow it with Early Giant Light Blue and Peach Blossom, introduced last year in this new type. Pkt., 25c.



### **CALENDULA Yellow Colossal.**

Loose-petalled, bright yellow flowers, similar to those of Chrysanthemum, but even larger and with a full center of short petals. Yellow Colossal is a perfect variety for either cutting or bedding, growing about 18 inches in height. Pkt., 25c.

### **CARNATION, Allwood's Hardy Cottage Strain.**

Many years of crossing and recrossing the very old hardy, free-flowering garden carnations with the more modern, large-flowered types, has resulted in this fine new race of Hardy Carnations. The plants are of stocky habit, requiring no staking, commence to flower early and continue for many months each year. The petals are smooth and rounded; the color-range excellent. See illustration on front cover. Pkt., 35c.

**DAHLIA Coltness Hybrids Improved.**

A favorite flower with the all-too-few garden-lovers who know it, the Coltness strain of medium-sized single flowers on dwarf, compact plants is certain to become vastly better known with the introduction of this superior selection. Many new colors and shades are to be found now, including terra cotta, apricot, buff, cream, canary yellow, scarlet, crimson, maroon, purple, and pink. Pkt., 25c.

**DELPHINIUM Blue Mirror.**

This is a **spurless** Chinese Dwarf Larkspur, which allows the rich pure blue flowers to show to striking advantage. Grows from 1 to 1½ feet in height, and is lovely in the garden or cut. Very early-flowering, yet is a perennial. Pkt., 35c.

**DIMORPHOTHECA Spectabilis (African Daisy).**

Closely-related to *Dimorphotheca Ecklonis*, but with deep, orchid-pink petals and a shining black center. Similarly, it is a perennial which may be grown as an annual, a necessity in cold climates. Although attractive for cutting, its greatest use will doubtless be for hot, dry garden situations, since it is extremely drought-resistant. Pkt., 25c.

**ESCHSCHOLTZIA Sweetheart.**

A new shade in California Poppies. Sweetheart is rich salmon-rose on cream, fully-double with fluted petals. It is perhaps the best Poppy of all for bedding, since the dwarf 8-inch plants are bushy and compact, with erect flower-stems. Pkt., 25c.

**Life-Size Color-Photograph of  
A Roggli Swiss Giant Pansy  
Mixture, Packet, 25c . . . See page 45.**

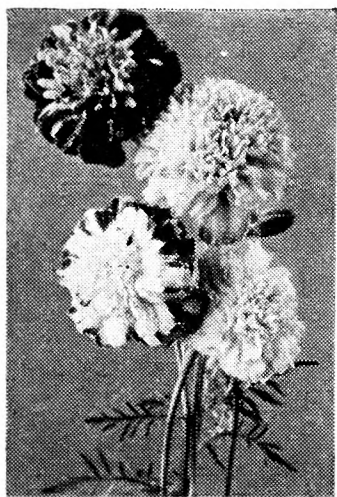


## **MARIGOLD, Chrysanthemum-flwd. Limelight. Bronze Medal A.A.S.**

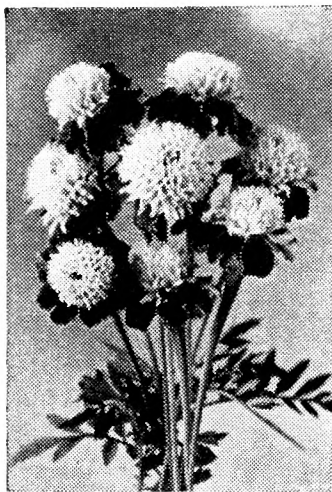
When you see Limelight in your garden, you will agree that here is the first Marigold to deserve to be called Chrysanthemum-flwd., for the light lime-yellow petals are artistically incurved to form a round and symmetrical head of the most perfect chrysanthemum-like form. Bushy, 1½ feet in height, a vigorous grower and profuse bloomer for summer and fall. Pkt., 25c.

## **MARIGOLD, Dwarf Harmony, Spotlight.**

With all the fine qualities of Harmony, but with a much brighter flower, the dainty center petals of clear yellow, contrasting with the broad, velvety mahogany-red guard petals. Spotlight is of course, like Harmony, early-flowering, dwarf and even in habit, and exceedingly profuse, a leading candidate for a summer bed or border. Pkt., 15c.



**Marigold, Dwarf  
Harmony Hybrids**



**New Cutting  
Marigold Ferdinand**

## **MARIGOLD, Tall Harmony, Ferdinand.**

Sprightly and colorful, Ferdinand is quite distinct from the foregoing Harmony Marigolds. Flowers are somewhat smaller, yet produced on long stems on upright 2-foot plants. The neat, round center of dainty tubular florets is bright golden yellow, surrounded by a single row of dark red petals. There is no strong Marigold odor. Pkt., 15c.

## **MARIGOLD, Dwarf Harmony Hybrids.**

A fine mixture of colorings in the popular Harmony-type with its familiar crested center flanked by several rows of broad guard petals. In addition to Spotlight, described above, and Harmony itself (orange-and-mahogany), there are innumerable blotched and striped combinations of golden orange, lemon yellow, and maroon, as well as orange and yellow selfs. Height is about one foot. Pkt., 15c.

## **MARIGOLD Yellow Pygmy. Honorable Mention A.A.S.**

The small flowers of this splendid Dwarf French Marigold are light lemon yellow, and fully double. Plants are but 8 inches in height, and covered with flowers throughout the summer and fall, hence ideal for edgings. Pkt., 25c.

## **MARIGOLD Red-and-Gold Hybrids.**

These outstandingly showy and useful Marigolds are hybrids between the African and French, bringing together the size, height, and vigor of the former, and the rich colorings of the latter. Large flowers of solid red, and combinations of red and gold, varying in color even in different flowers on the same plant. The earliest of all Marigolds to bloom, flowering in two months from seed, and continuing until winter. Pkt., 25c.

## **MILE-A-MINUTE VINE.**

As the name implies, this *Ipomoea* or Morning Glory is very fast-growing, attaining a growth of 20 feet or more in a season. The foliage is most attractive, being fine and multi-cut, making a lace-like tracery of green on fence or trellis. The creamy-white, medium-sized flowers are dark red in the throat, and are produced from the first of August until late in the fall, remaining open throughout the afternoon. Pkt., 15c.



**Try the Unusual New Mile-a-Minute Vine**

## **NASTURTIUM Fiesta.**

A counterpart of the favorite semi-double Golden Gleam, but with arresting vivid scarlet blotches on the golden yellow petals, the proportion of red and gold varying according to the season and age of the flower. The growth is vigorous, plants attaining a height of 15 inches and a spread of 3 feet; stems are long and the flowers sweet-scented. Pkt., 25c.

## **PETUNIA Cream Star. Silver Medal A.A.S.**

The plants have the finest dwarf, bushy habit ever developed in Petunias. When full grown, they are 12 inches high, and perfectly uniform, completely covered with large, creamy-white flowers deepening to gold in the throats; a semi-open habit contributes to the lovely star-shaped effect. Undoubtedly the most universally useful bedding novelty for 1940. Pkt., 25c.

## **PETUNIA, Dwarf Violet-Blue.**

A fine new shade in dwarf, compact bedding Petunias. The medium-sized flowers are rich, velvety violet-blue, a shade lighter than the larger-flowered, spreading variety. Elk's Pride. Pkt., 15c.

## **PETUNIA Betsy Ross.**

A miniature ruffled Petunia of the Martha Washington type, Betsy Ross is reminiscent of the American Flag, the medium-sized flowers being striped in red and white. In the throats the white blends into gold, and the red into rich crimson. The habit is very uniform, about 8 inches in height, well adapted for either bedding or pot culture. Pkt., 25c.

## **PETUNIA Glow. Silver Medal A.A.S.**

Bright, rich rose-red flowers freely produced on dwarf, compact, ball-shaped plants for many months induced the judges of the All-America Selections Committee to award this new bedding Petunia first place in point-score. It will bring a brilliant new color-note to your garden this season. Pkt., 25c.



## **SCABIOSA, Heavenly Blue. Bronze Medal A.A.S.**

Azure-blue, high-crowned double flowers on rather short but wiry stems, blooming very early and freely. Plants are dwarf (1½ feet high), and bushy, most useful for bedding, although the flowers are well adapted to interesting arrangements when cut. Pkt., 25c.

## **SWEET PEA, Spring-Flwg. Rose-Pink. Silver Medal A.A.S.**

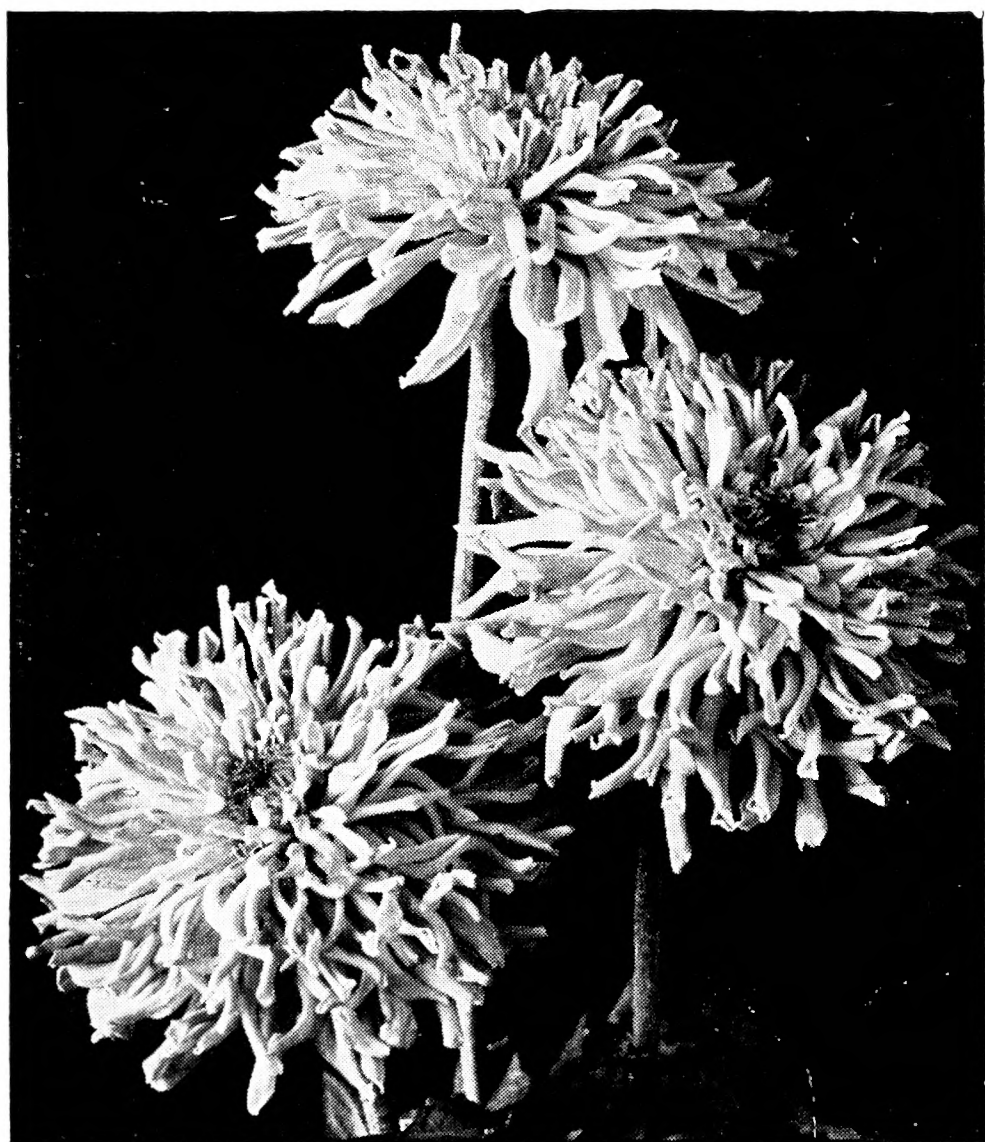
## **SWEET PEA, Spring-Flwg. Blue. Bronze Medal A.A.S.**

## **SWEET PEA, Spring-Flwg. Lavender. Honorable Mention A.A.S.**

First offered by us in our Sweet Pea Folder issued last July, it is interesting that these three colors in this entirely new Sweet Pea class were considered so outstanding as to receive individual awards in the All America Selections. They begin to flower in mid-season, between the Early Spencers, and the Standard or Summer Spencers, and are more heat and drought-resistant than either. All of the three colors are produced on tall-growing, vigorous vines with long, sturdy stems. Pkts., 25c each color.

## **STAR OF TEXAS (Xanthisma Texanum).**

An easily-grown annual daisy from the vast Southwest state. Petals are long and pointed, light canary yellow; the center is lighter. The plants are bushy and erect, 1½ feet in height, and resistant to drought. Pkt., 25c.



**You'll Like the Improved Fantasy Zinnias**

## **ZINNIA Fantasy Wildfire.**

This season a bright scarlet-red is offered for the first time separately in this popular informal type of flower. Wildfire will add a distinct note of cheerfulness to the garden, and enliven any home when used in flower arrangements. See note on Zinnia culture on page 57. Pkt., 15c.



## **ZINNIA Harmony-Type. Campfire.**

Both the rounded center of tiny petals and the outer rows of guard petals are of the same intense scarlet color. This Harmony-type (formerly called the Scabious-flwd.), is just as showy in the garden as any Zinnia, yet particularly effective in bouquets where the unusual formation of the flowers may be appreciated. Pkt., 15c.

**Harmony-Type  
(Scabiosa-flwd.) Zinnias**



## **Recent Introductions**

The best new flowers of the last year or two will be found described in the body of the catalog, indicated thus: (New). You will want to try some of those you may have missed, such as:

**Antirrhinum nanum, Guinea Gold**, compact buff-bronze.

**Antirrhinum, Magic Carpet**, very dwarf Snapdragon. Mixture.

**Aster, Early Giant Light Blue**, wilt-resistant.

**Calendula, Chrysantha Twilight**, creamy-yellow.

**Calendula, Lemon Shaggy**, lacinated yellow petals.

**Cornflower, Lilac Lady**, mauve-lilac dwarf form.

**Cynoglossum Firmament**, dwarf Chinese Forget-me-not.

**Echium, Blue Bedder**, striking new blue annual.

**Godetia, Orange Glory**, brilliant salmon-orange.

**Hollyhock, Annual, Indian Spring**, rose-pink shades.

**Ipomoea, Cornell**, red-and-white Morning Glory.

**Ipomoea, Scarlett O'Hara**, dark red Morning Glory.

**Marigold, Early Sunshine**, lemon-yellow 'Mum'-type.

**Marigold, Gigantea, Orange Sunset**, extra-large orange.

**Petunia, Hollywood Star**, star-shaped rose-pink.

**Petunia, Ladybird**, brilliant deep carmine-pink.

**Petunia, Miniature Pink-and-White Gem**, and **White Gem**.

**Petunia, Velvet Ball**, deep blood-red dwarf.

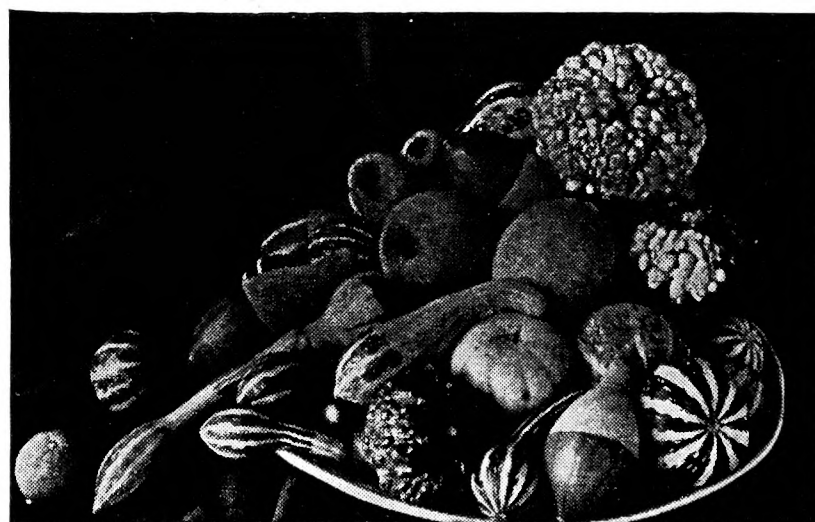
**Phlox Drummondii, Salmon Glory**, extra-large salmon-pink.

**Scabiosa, Blue Moon**, blue balls on long stems.

**Zinnia, Fantasy, Orange Lady, Rosalie, and White Light**.

**Zinnia, Seabious-flowered, Sunburst**, bright yellow.

**Zinnia, Super Crown O' Gold, Pastel Tints**; outstanding!



**Small Ornamental Gourds Mixed**  
Packet 10c . . . See page 32.

# Flower Seed Planting Suggestions

## Sow in Spring

These in left columns

## Sow in Fall

These in right columns

### FOR EDGINGS

Ageratum	Marigold	Alyssum	Armeria
Aster	Nasturtium	Arabis	Cupid Peas
Begonia	Phlox	Bellis	Nemophila
Dianthus	Petunia	Candytuft	Pansy
Gazania	Portulaca	Dusty Miller	Pyrethrum
Gomphrena	Verbena	Myosotis	Viola
Lobelia	Zinnia	Nemesia	Virginian Stock

### EVERLASTINGS

Physalis	Lunaria	Acroclinium	Grasses
Gomphrena	Statice	Catananche	Platycodon
Gypsophila paniculata		Helichrysum	Xeranthemum

### GOOD POT PLANTS

Begonia	Mimulus	Browallia	Gesneriana
Coleus	Nierembergia	Campanula	Pansy
Gloxinia	Saintpaulia	(Per.)	Primula
Impatiens	Primula	Cineraria	Streptocarpus
Lobelia, Tr.	Exacum	Cyclamen	Schizanthus

### FOR FRAGRANCE

Carnation	Nicotiana	Alyssum	Stock
Dianthus	Sweet Sultan	Candytuft	Sweet Pea
Heliotrope	Sweet Wm.	Matthiola	Wallflower
Nasturtium	(Gleam)	Mignonette	Valerian

### FOR GROUND COVER

Anagallis	Portulaca	Brachycome	Linaria
Nasturtium	Verbena	Alyssum	Virginian
Nolana	Leptosiphon	Nemophila	Stock
	Thunbergia		Wild Flowers

### SHADE-ENDURING

Aquilegia	Impatiens	Anemone	Pansy
Begonia	Heuchera	Clarkia	Platycodon
Cineraria	Mimulus	Bellis	Cyclamen
Coleus	Primula	Collinsia	Godetia
Campanula	Rehmannia	Myosotis	Linaria
Foxglove	Vinca	Browallia	Nemophila

### DROUGHT-RESISTANT

Ageratum	Helianthus	Abronia	Coreopsis
Calliopsis	Marigold	Alyssum	Gaillardia
Centaurea	Petunia	Arctotis	Hollyhock
Cosmos	Portulaca	Bartonia	Mesembryan-
Cynoglossum	Scabiosa	Brachycome	themum
Dianthus	Tithonia	Browallia	Statice
Euphorbia	Vinca	Candytuft	Verbena
Four O'clock	Zinnia		Dimorphothea

### FOR SUNNY ROCK GARDENS

**Sow in Spring:** Abronia, Anagallis, Arabis, Armeria, Aubretia, Calandrinia, Candytuft Dwarf, Cerastium, Dianthus, Helianthemum, Iberis, Leptosiphon, Lobelia, Marigold Dwarf, Nolana, Portulaca, Rockery perennials mixed, Sanvitalia, Thunbergia, Verbena, Zinnia Haageana.

**Sow in Fall:** Alyssum, Bellis, Brachycome, Campanula pusilla, Candytuft Dwarf, Cheiranthus, Dianthus, Dimorphothea, Gilia, Leptosiphon, Linaria, Myosotis, Nemesia, Nemophila, Phacelia, Sedum, Virginian Stock.

### VINES

**Sow in Spring:** Antigonon, Aristolochia, Asparagus plumosus, Australian Pea Vine, Balloon Vine, Balsam Apple and Pear, Canary Bird Vine, Cardinal Climber, Coboea, Cypress Vine, Dolichos or Hyacinth Bean, Gourds, Humulus or Japanese Hop, Kudzu Vine, Lathyrus latifolius, Mina lobata, Moon Vines, Morning Glories, Thunbergia, Phaseolus or Snail Vine, Scarlet Runner, Wild Cucumber.

**Sow in Fall:** Early Spencer Sweet Peas.

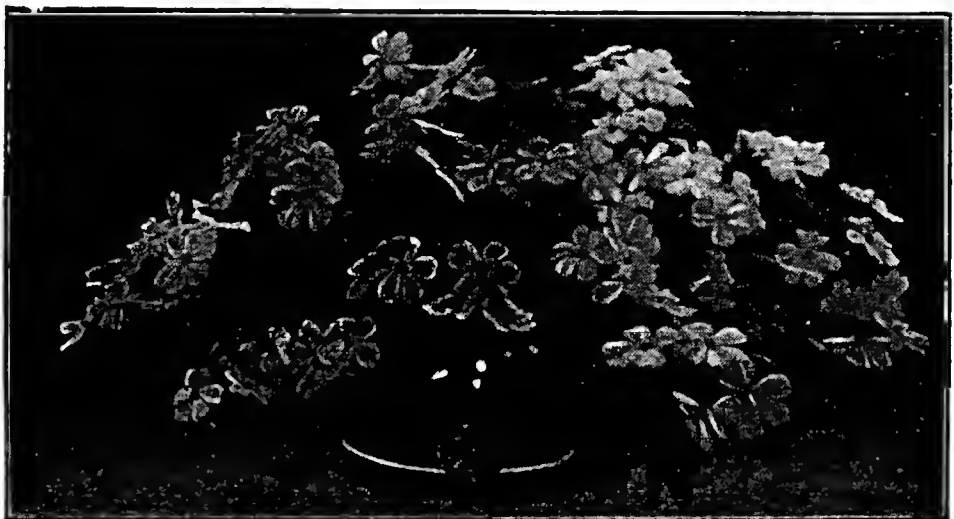
# CAMPBELL'S PLANTING CHART

**SYMBOLS USED:** **P** — Perennial, **PA** — Perennial which flowers first year if sown early (those not designated **P** or **PA** are of course Annuals), **S**—Shade,  $\frac{1}{2}$ **S**—Semi-shade, **F**—Fragrant, **T**—Tender (should not be set outdoors until all danger of frost is over), **V**—Vine, **C**—Ground-cover, **F-O**—May be sown either in open ground or in flats.

NAME	Sow	Where	Bloom	Height
<b>Abutilon</b> PA T $\frac{1}{2}$ S	Feb.-April	Glass	June-Sept.	3 ft.
<b>Achillea</b> P	March-July	Flat	April-July	2 ft.
<b>Acroclinium</b>	Nov.-March	Open	April-July	1½ ft.
<b>Agathea</b> P	March-Aug.	Flat	All Year	1½ ft.
<b>Ageratum</b> T	Feb.-Aug.	Flat	June-Oct.	½-2 ft.
<b>Agrostemma</b> P	March-Sept.	Flat	June-July	2 ft.
<b>Alyssum, Sweet</b> F C	Anytime	Open	All Year	6 in.
<b>Alyssum</b> P	March-June	Flat	April-May	10 in.
<b>Anagallis</b> C	March-June	Open	May-Aug.	8 in.
<b>Anemone</b>	July-Nov.	F-O	March-April	8 in.
<b>Antirrhinum</b>	July-Feb.	Flat	Jan.-July	½-4 ft.
<b>Aquilegia</b> P $\frac{1}{2}$ S	April-Aug.	Flat	May-July	3 ft.
<b>Arabis</b> P	Anytime	Flat	Feb.-April	8 in.
<b>Arctotis</b> PA	Anytime	Flat	All Year	1½ ft.
<b>Aster</b>	Feb.-June	Flat	July-Sept.	2½ ft.
<b>Aster</b> P	Feb.-June	Flat	Sept.-Nov.	2 ft.
<b>Aubrietia</b> P	Jan.-May	Flat	Feb.-April	6 in.
<b>Balsam</b> T $\frac{1}{2}$ S	March-May	F-O	June-Sept.	1½ ft.
<b>Bartonia</b>	Nov.-April	Open	March-July	2 ft.
<b>Begonia</b> PA T $\frac{1}{2}$ S	Jan.-May	Glass	All Year	6 in.
<b>Bellis</b> PA $\frac{1}{2}$ S	Oct.-April	Flat	Feb.-Aug.	6 in.
<b>Brachycome</b>	Nov.-April	Open	March-July	10 in.
<b>Browallia</b> $\frac{1}{2}$ S	Sept.-March	Open	Jan.-June	1 ft.
<b>Calceolaria</b> T S	Aug.-Dec.	Glass	Jan.-May	1 ft.
<b>Calendula</b>	July-March	Flat	Dec.-June	2 ft.
<b>Campanula</b> $\frac{1}{2}$ S	July-March	Flat	April-July	3 ft.
<b>Calliopsis</b>	March-July	Open	June-Oct.	1-3 ft.
<b>Candytuft</b>	Nov.-May	Open	March-Aug.	1 ft.
<b>Carnation</b> P F	Oct.-April	Flat	May-Oct.	1½ ft.
<b>Celosia</b> T	March-May	Flat	July-Oct.	1-2 ft.
<b>Centaurea</b>	Nov.-May	F-O	March-Aug.	1-3 ft.
<b>Chrysanthemum</b> P	Feb.-May	Flat	Sept.-Dec.	3 ft.
<b>Cineraria</b> T S	June-Oct.	Flat	Feb.-June	1-3 ft.
<b>Clarkia</b>	Nov.-April	Open	April-July	2 ft.
<b>Coboea</b> P V	Feb.-May	Open	July-Aug.	
<b>Coleus</b> P T S	Feb.-May	Glass	Foliage	1-2 ft.
<b>Collinsia</b> $\frac{1}{2}$ S	Nov.-April	Open	March-June	15 in.
<b>Cosmos</b>	March-July	Open	June-Oct.	3-5 ft.
<b>Coreopsis</b> P	Nov.-March	Flat	May-Aug.	3 ft.
<b>Cyclamen</b> P S	June-Oct.	Flat	Nov.-May	1 ft.
<b>Cynoglossum</b>	Oct.-March	F-O	March-July	2 ft.
<b>Cypress Vine</b> V T	March-May	Open	July-Sept.	
<b>Dahlia</b> PA T	Feb.-May	F-O	July-Oct.	1-6 ft.
<b>Delphinium</b> P	Aug.-March	Flat	April-Oct.	5 ft.
<b>Dianthus</b> P F	Anytime	Flat	All Year	1 ft.
<b>Didiscus</b>	Feb.-June	F-O	May-Aug.	2½ ft.
<b>Digitalis</b> Bien. $\frac{1}{2}$ S	Feb.-May	Flat	April-July	4 ft.
<b>Dimorphotheca</b>	Sept.-May	F-O	Nov.-June	1 ft.
<b>Eschscholtzia</b>	Nov.-June	Open	March-Sept.	1 ft.
<b>Gaillardia</b> P	Sept.-April	Flat	March-Sept.	2 ft.
<b>Gaura</b>	Feb.-May	F-O	July-Oct.	3 ft.
<b>Gerbera</b> P	Anytime	Flat	All Year	1½ ft.
<b>Geum</b> P	Aug.-March	Flat	April-July	2 ft.
<b>Gilia</b>	Nov.-May	Open	March-July	1-2 ft.
<b>Gloxinia</b> PA T S	Jan.-April	Glass	June-Oct.	1 ft.
<b>Godetia</b>	Nov.-May	Open	March-Aug.	1-2 ft.
<b>Gourds</b> V T	March-June	Open	July-Oct.	
<b>Gypsophila</b>	Anytime	Open	All Year	2 ft.
<b>Helichrysum</b>	Oct.-May	F-O	April-Sept.	3 ft.
<b>Heliotrope</b> PA T F	Feb.-May	Flat	June-Nov.	3 ft.
<b>Heuchera</b> P $\frac{1}{2}$ S	July-March	Flat	May-Aug.	1½ ft.
<b>Hollyhock</b> P	Feb.-Aug.	F-O	June-Sept.	5 ft.
<b>Hunnemannia</b> PA	Nov.-April	F-O	June-Sept.	2 ft.
<b>Iberis</b> P F	Nov.-May	F-O	Feb.-June	1 ft.
<b>Impatiens</b> PA T S	March-June	Flat	June-Oct.	1½ ft.
<b>Kochia</b>	Jan.-June	Open	Foliage	2-4 ft.

NAME	Sow	Where	Bloom	Height
Lantana PA T	Nov.-April	Flat	May-Nov.	1-5 ft.
Lathyrus PA V	Nov.-May	Open	June-Aug.	
Larkspur	Oct.-May	Open	April-July	3-5 ft.
Lavender P F	Oct.-March	Flat	April-June	2 ft.
Leptosyne	Nov.-July	Open	April-Sept.	1 ½ ft.
Linaria	Oct.-May	Open	Jan.-Aug.	15 in.
Linum rubrum	Any time	Open	All Year	2 ft.
Lobelia T	Jan.-May	Flat	May-Nov.	4 in.
Lupinus	Dec.-April	Open	March-July	1-3 ft.
Marigold	Jan.-July	Flat	July-Nov.	1-3 ft.
Mignonette F	Any time	Open	All Year	1 ft.
Mimulus F T ½ S	March-June	Flat	May-Aug.	10 in.
Mina lobata V T	March-May	Open	Aug.-Nov.	
Morning Glory V T	March-June	Open	June-Nov.	
Myosotis PA S	Sept.-May	F-O	Feb.-June	1 ft.
Nasturtium C F T ½ S	Oct.-May	Open	Jan.-Aug.	10 in.
Nemesia	Oct.-April	F-O	Feb.-June	1 ft.
Nemophila C	Oct.-May	Open	March-June	6 in.
Nicotiana F ½ S	Oct.-June	Open	March-Sept.	3 ft.
Nierembergia PA	Feb.-June	Flat	May-Oct.	6 in.
Pansy F	July-Dec.	Flat	Oct.-July	6 in.
Pentstemon PA	Sept.-April	Flat	March-Nov.	2 ft.
Petunia C	Jan.-July	Flat	Mar.-Nov.	6-30 in.
Phacelia C	Nov.-April	Open	March-July	1-2 ft.
Phlox Drummondii	Jan.-July	F-O	April-Nov.	1 ft.
Poppy, Iceland PA	Aug.-March	F-O	Jan.-July	1 ½ ft.
Poppy, Shirley	Nov.-May	Open	March-July	1 ½ ft.
Portulaca C T	Feb.-May	F-O	June-Oct.	6 in.
Primula poly. P S	Nov.-May	Flat	March-May	6 in.
Primula malac. S	May-Oct.	Flat	Dec.-May	1 ft.
Pyrethrum P	Sept.-May	Flat	March-June	1 ½ ft.
Ranunculus PA	July-Nov.	F-O	Feb.-May	1 ft.
Rehmannia PA ½ S	Oct.-April	Flat	March-Oct.	2-4 ft.
Rudbeckia P	Aug.-May	Flat	Aug.-Nov.	2 ft.
Saintpaulia P T S	Any time	Glass	All Year	6 in.
Salpiglossis	Nov.-June	F-O	April-Sept.	2 ft.
Salvia T	Feb.-May	Flat	June-Sept.	1-2 ft.
Saponaria	Feb.-May	Open	April-July	2 ft.
Scabiosa	Nov.-May	F-O	April-Oct.	2 ½ ft.
Shastanthus ½ S	Nov.-May	F-O	March-July	1 ½ ft.
Shasta Daisy PA	Any time	Flat	May-Aug.	2 ft.
Statice P ½ S	Any time	Flat	All Year	2 ft.
Stevia PA	Jan.-May	F-O	May-Aug.	2 ft.
Stock F	July-March	Flat	Dec-June	2 ft.
Stokesia P	Dec.-April	Flat	July-Sept.	1 ft.
Streptocarpus P T S	Nov.-March	Glass	April-Oct.	6 in.
Sweet William P F	Oct.-May	Flat	April-July	1 ½ ft.
Thalictrum P	Oct.-May	Flat	Aug.-Sept.	4 ft.
Tithonia T	March-June	F-O	Sept.-Nov.	6-8 ft.
Torenia T	April-July	Flat	July-Oct.	9 in.
Trachelium P	Feb.-May	Flat	June-Sept.	1 ½ ft.
Valeriana PA F	Dec.-April	F-O	June-Sept.	2 ½ ft.
Venidium	Dec.-April	F-O	March-July	2 ft.
Verbena PA F C	Dec.-Aug.	F-O	March-Nov.	1 ft.
Vinca PA	Feb.-April	Flat	May-Nov.	1 ft.
Viola F	July-March	Flat	Oct.-June	6 in.
Virginian Stock C	Oct.-May	Open	Jan.-July	6 in.
Violet P F ½ S	July-March	Flat	Jan.-May	6 in.
Viscaria	Oct.-April	F-O	April-June	1 ft.
Wallflower	Sept.-March	F-O	Jan.-June	1 ½ ft.
Zinnia	March-July	F-O	June-Nov.	1-3 ft.

**Impatiens, for Pots or Shady Beds**  
 Packet 15c . . . See page 35.



# FLOWERS

The **germination period** of most of the flower seeds has been compiled, and is included in the description of the varieties in this catalog.

**Per.** stands for Perennial—flowers which bloom for two or more years.

**Bien.** stands for Biennial—flowers which first bloom the second year, then die.

Unmarked flowers in this list are Annuals.

**Colors** are listed first in each paragraph, as a guide. This does not necessarily mean that all these shades are available separately, however.

**Planting Suggestions** are on pages 9 to 11.

## **ABRONIA umbellata (Sand Verbena).**

Rosy-lilac, verbena-like flowers; trailer for sunny rockery or window box; sow November to March. Pkt., 10c.

## **ABUTILON maximum (Flowering Maple). Per.**

Pink, yellow, and red, bell-shaped flowers in six months from seed; 3 feet; sow February and March for bloom same year. Mixed. Pkt., 15c.

## **ACANTHUS latifolius. Per.**

Decorative, large green foliage; lavender flowers in spikes; 3 feet; sow October to May. Pkt., 10c.

## **ACHILLEA (Yarrow). Per.**

White or rose-red, small double flowers in clusters, for beds and bouquets; 2 feet; sow March to July. Germination period 14 days. Ptarmica (The Pearl), white; Kelwayi Rosea, rose-red. Pkts., 10c. Filipendula, Parker's Yellow. (4 feet.) Pkt., 15c.

## **ACONITUM Napellus. (Monk's Hood). Per.**

Dark blue flowers in delphinium-like spikes; 3 to 5 feet tall; sow March to July. Germination period from 1 to 6 months. Pkt., 10c.

## **ACROCLINIUM Roseum hybridum.**

Pink and white, double, everlasting flowers; often bloom in 8 weeks; 1½ feet high; sow November to March. Germination period 2 to 3 weeks; New Large-flowered Double Hybrids, with richer colors and larger flowers; splendid for cut flowers, used either fresh or dried. Pkt., 15c.

## **ADONIS Autumnalis (Red Chamomile).**

Deep crimson flowers; feathery foliage; 1½ feet; sow Jan. to May. Pkt., 10c.



**New Hybrid  
Acroclinium**



**Everblooming  
Blue Agathea**

## **AGATHEA coelestis (Blue Daisy). Per.**

Clear blue with yellow disk; splendid for small bouquets; good border or low hedge; 1 to 2 feet high; sow March to Aug. Pkt., 10c.

## **AGERATUM Mexicanum (Floss Flower).**

Blue, feathery flowers in clusters; very long-blooming all summer and fall; sow February to June. Germination period 14 days.

Midget Blue, 3 inches. (See Novelties, page 3).

Blue Ball Improved. Purest blue, 6 inches.

Blue Cap. Deep blue, 4 inches.

Fairy Pink. Rose-pink, 4 inches. (Pkt., 15c.)

Tall Mexican. Blue, for cutting. 2 feet.

White, 6 inches. Pkts., 10c.



**ALYSSUM. Sweet.**

White, lilac, cream, fragrant heads of tiny flowers; fine for edgings, beds, or ground cover; sow any time. Germination period 10 to 20 days.

Carpet of Snow, spreading white; 3 inches. (Oz. 75c; ½ oz. 40c.)

Lilac Queen, lavender; 6 inches. (Oz. 75c; ½ oz. 40c.)

Little Gem, white; 6 inches. (Oz. 60c; ½ oz. 35c.)

Cream Yellow; 6 inches. (Oz. 75c; ½ oz. 40c.)

Maritimum, very fragrant white; 1 foot. (Oz. 35c; ½ oz. 20c.)

Pkts., 10c.

**ALYSSUM Saxatile compactum.**

**Per.**

Yellow flowers in masses; 1 foot; fine for borders; sow March to July for late spring bloom.

Gold Dust, bright golden yellow. Pkt., 10c.

Citrinum (Sulphureum), pale yellow. Pkt., 15c.

**ALSTROEMERIA aurantiaca**

**(Peruvian Lily). Per.**

Orange, streaked red; forms bulbous root; 2 to 3 feet high; sow March to October. Pkt., 20c.

**AGROSTEMMA coronaria.**

**(Rose Campion). Per.**

Blood red flowers, with silvery foliage; for beds, or cutting; 2 feet; sow March to September. Germination period 10 to 14 days. Pkt., 10c.



**Blood-Red  
Agrostemma**

**ALONSOA (Mask Flower).**

Bright orange-red, or delicate pink, flowers in racemes; dark green foliage; 1½ feet high; sow Nov. to April.

Mutisii, new delicate pink with crimson center, splendid.

Warscewiczii, bright orange-scarlet. Pkts., 10c.

**AMARANTHUS.**

Colored, showy foliage; Molten Fire, fiery crimson; Salicifolius (Fountain Plant), bright red-and-gold "shredded" foliage.

Drooping red tassels; Caudatus (Love-Lies-Bleeding). All, about 3 feet; sow March to June. Germination period 5 to 10 days. Pkts., 10c.



**Fountain Plant  
(Amaranthus  
Salicifolius)  
Packet, 10c**

**ANAGALLIS grandiflora.**

Vivid blue, brick-red, lavender; for sunny rockeries, low beds, and borders; 8 inches; sow March to June. Germination period 3 weeks. Blue, and Mixed. Pkts., 10c.

**ANCHUSA capensis (Blue Bird).**

Deep blue, Forget-me-not-like flowers, for sun; 2 feet; sow October to April. Pkt., 10c.

**ANCHUSA Italica grandiflora. Per.**

Genetian-blue, large Forget-me-not-like flowers; 3 to 5 feet tall; sow March to July. Germination period 2 to 3 weeks. Dropmore variety. Pkt., 10c.

**ANTHEMIS Tinctoria Kelwayi. Per.**

Lemon-yellow daisies; feathery foliage; 3 feet; sown November to April, blooms first season. Germination period 2 weeks. Pkt., 15c.

**ANEMONE coronaria (Wind Flower). Per.**

Red, blue, lavender, pink, white poppy-like flowers; 8 inches; sow July to November for bloom following spring. Germination period 25 to 45 days.

Monarch de Caen, large single strain Mixed.

Blue Poppy, pure deep blue.

His Excellency, rich red.

St. Brigid, semi-double mixture. Pkts., 15c.

**ANTIGONON leptopus (Mexican Mountain Rose).****Per. Vine.**

Rose-pink flowers in clusters on tender vine, in late summer; makes quick growth each summer after second or third year; sow March to June. Pkt., 15c.

**ANTIRRHINUM (Snapdragon).**

Rich colors in a wide range, with a long blooming season, make this one of the best bedding and cutting annuals; sow July to April. Germination period 10 to 15 days.

**Rust-resistant varieties** now equal the old in color and form, and are immune, or very resistant, to rust. Unless otherwise noted, all varieties listed are **Rust-resistant**.

**Maximum** (large-flowered and tall; 3 to 4 ft.); Alaska, finest white.

Apple Blossom, light pink with white tube.

Campfire, pure luminous scarlet.

Canary Bird, clear rich yellow.

Copper Shades, velvety orange and old gold.

Copper King, deep bronzy copper.

Crimson, deep velvety red.

Swing Time, rose pink.

Maximum Mixed. Pkts., 10c and 15c.

**Super-Majestic** (new group, with extra-large flowers on plants intermediate in height. The long flower-spikes give the effect of somewhat greater height than the medium group):

Autumn Glow, old rose suffused amber.

Dainty, light pink.

Golden Rod, new deep yellow. (See Novelties, page 3).

Harmony, terra cotta and yellow, tinted pink.

Rosalie, new deep rose. (See Novelties, page 3.)

Rose Sensation, best salmon-tinted rose-pink.

Ruby, rich deep red.

Tangerine, golden orange shades.

Super-Majestic Mixed. Pkts., 15c.

**Medium** (the finest height for bedding; 1½ to 2½ feet):

Glowing Sunset, rosy scarlet.

Old Gold, copper and bronze shades.

Orange, apricot and orange shades.

Red Boy, clear deep scarlet.

Wildfire, orange-scarlet with yellow lip—new and striking.

Mixed, all colors.

Pkts., 10c.

Magic Carpet (New), dwarf mixture, not rust-resistant. Pkt., 15c.



**Rustproof Snapdragon**

**AQUILEGIA (Columbine). Per.**

Yellow, pink, blue, orange, and red large airy flowers on graceful plants in spring and early summer; stand sun or partial shade; 2 to 3 feet; sown April to August will bloom next spring. Germination period 20 to 60 days.

Chrysantha Yellow. Pkts., 10c.

Clematiflora (New), large-flowered spurless variety, in clear pastel colors, resembling flowers of Clematis. Pkt., 35c.

**Long-spurred varieties:**

Blue shades, extra selected.

Crimson Star, dark red with white center.

Orange and scarlet shades.

Rose Queen, pink and rose shades.

Snow White.

Mrs. Scott Elliott's Improved. Mixed.

W. F. Hybrids Mixed (the best). Pkts., 15c.

Longissima, new, vigorous-growing yellow with 4-inch spurs. Pkt., 25c.

**ARABIS Alpina (Rock Cress). Per.**

White, fine flowers, forming blanket of bloom in spring in sun, on poor soil; 8 inches; sow any time. Germination period 3 weeks. Pkt., 10c.

**ARMERIA maritima Formosa (Sea Pink; Thrift). Per.**

Rose-pink flower-clusters above grassy foliage; for cutting and borders; sow January to July. Germination period 2 weeks. Large-flowered Hybrids, with large heads on 15-inch stems. Pkt., 15c.

**ARTEMISIA annua.**

Decorative, feathery silver-gray foliage; 5 feet; sow March to June. Pkt., 10c.

**ASPARAGUS Fern. Per.**

Sprengeri, with red berries, for pots and hanging baskets; Plumosus nanus, feathery, fern-like foliage for bouquets. Sow March to September. Germination period 15 to 30 days. Pkts., 10c.

**ARCTOTIS****(African Daisies). Per.**

Large daisies on long stems, for cutting and beds; fine in extra-dry sunny places; 1½ feet; sow October to April for bloom first summer.

Grandis, pale lilac.

Pkt., 10c.

New Hybrids, containing many shades of yellow, orange, bronze, red, and lavender, almost constantly in bloom. Pkt., 15c.

**ARISTOLOCHIA****(Dutchman's Pipe). Per. Vine.**

Purplish, curious flowers on rampant vine, with glossy, heart-shaped leaves; seed germinates slowly; sow December to March. Pkts., 10c.

**Arctotis Hybrids**  
**Everblooming**

**ASTER. (See also Heteropappus and Tahoka Daisy.)**

One of the best summer bedding and cutting annuals; sow all varieties February to June; Single Rainbow as late as August. Germination period 1 to 2 weeks.

Mixtures listed below usually contain pink, rose, lavender, purple, crimson, and white.

**Super Giant Type**, new, greatly improved California Giants, earlier and larger-flowered. El Monte, giant crimson-red. Los Angeles, giant clear pink. Pkts., 15c.

**Golden Sheaf**, yellow, new, large-centered Aurora-type, **Wilt-Resistant**. Pkts., 15c.

**Comet or Crego** (large, curly-petalled; medium-length stems, 2½ feet), Enchantress, salmon-rose; Illusion, soft apricot-pink; All Colors Mixed, **Wilt-Resistant**. Pkts., 10c.

**Harmony Mixture**, new bedding and cutting strain. (See Novelties, Page 3.)

**Heart of France**, rich red, medium-sized flowers. **Wilt-resistant**. Pkt., 10c.

**Asters Continued on next page.**

**ASTERS, Continued**

**California Giants** (long-stemmed, double, curly-petalled; 2½ feet): Rose, Peachblossom, Light Blue, Purple, White, and Mixed. Pkts., 15c.

**Early Beauty** (long-stemmed, double, incurve-petalled; 2½ feet): Rose, September Beauty (shell pink), Light Blue, Purple, Crimson, White, and Mixed. **Wilt-Resistant.** Pkts., 10c.

**Early Giant, new Wilt-Resistant** group, similar in flower to the California Giants, but somewhat shorter in height and not so spreading.

Light Blue.

Peachblossom, light pink. Pkts., 15c.

Rosalie, new rich rose-pink.

(See Novelties, Page 3.)

**Giant California Sunshine**, new large, single, anemone-centered; 2½ feet; Mixed. Pkt., 15c.



**Giant California Sunshine Asters**

**Single Rainbow** (very floriferous for bedding and cutting; 2 feet): Pink, Rose, Light Blue, Purple, Red, and Mixed. Pkts., 10c.

**Pompon Mixed** (bushy plants with many small, double, quilled flowers; 15 inches). Pkt., 10c.



**Dependable Rainbow Single Asters, Showy in the Garden or Bouquets. Packets, 10c**

**ASTER (Michaelmas Daisy). Per. (See also Erigeron.)**

Blue, lavender, and pink single asters in clusters for late fall beds; 2 feet; sown February to April, bloom same year. Germination period, 2 weeks. Mixed. Pkt., 10c.

**AUBRIETIA (Rainbow Rock Cress). Per.**

Lavender, pink, and purple flowers, resembling Virginian Stock, for sunny rockery or border; 6 inches; sow January to May. Germination period 25 days. Deltoidea, blue-lilac. Eyrii, large blue. Whitewell Gem, purple. Large-flowering Hybrids Mixed. Pkts., 15c.

**AUSTRALIAN PEA VINE (*Dolichos lignosus*). Per.**

Rose - pink, small, pea - shaped flowers on rapid evergreen vine; sow November to March. Germination period 12 days. Pkt., 10c.

**BABY BLUE EYES. (See *Nemophila*.)****BABY'S BREATH. (See *Gypsophila*.)****BACHELOR'S BUTTON. (See *Centaurea cyanus*.)****BALLOON VINE (*Cardiospermum*). Vine.**

White, small flowers; inflated seed-pods resemble balloons; rapid climber; sow March to May. Germination period 14 to 40 days. Pkt., 10c.

**BALSAM VINES. (*Momordica*). Vine.**

Yellow flowers on good foliage vines, with showy fruits; sow March to May. Germination period 30 days. Apple, scarlet fruit; Pear, orange fruit. Pkt., 10c.



**Bush-Flowered Balsam, Torch**

**BALSAM (*Lady's Slipper*).**

Pink, salmon, red, white, double camellia-like flowers on bushy plants, thriving in hot sun and rich soil, copiously watered; 18 inch; sow March to May. Germination period 10 to 14 days.

Giant Camellia-flowered. Mixed. Pkt., 10c.

Bush-flowered type, Torch, glistening vermilion red flowers freely produced at the ends of the stems, rather than half-hidden in the foliage along them. Pkt., 15c.

**BAPTISIA australis (*False Indigo*). Per.**

Deep blue, Lupin-like flowers on attractive bushy plants with bluish-green leaves; 3 feet; sow February to August. Entirely dormant in winter. Pkt., 10c.

**BARTONIA (*Mentzelia*) (*Blazing Star*).**

Golden yellow, large silken-petalled flowers with many stamens; Calif. native, for sun and dry soil; 2 feet; sow November to April. Germination period 5 to 10 days. Pkt., 10c.

**BEGONIA. Per.**

Useful bedding and pot plants, for full or partial shade; sow January to May.

**Fibrous-rooted:**

Luminosa, scarlet, brown foliage.

Prima Donna, rose-pink, green foliage.

Christmas Cheer, darkest scarlet; large.

Christmas Pink, large rosy pink.

Vernon, orange-carmine, red foliage.

Carmen, salmon-rose, bronze foliage. Pkts., 15c.

Tausendschoen (New), vivid rose-pink, compact green-foliaged plants. Pkt., 50c.

Snow (New), giant-flowered. White. Pkt., 50c.

**Tuberous-rooted:**

Single Mixed.

Single Frilled Mixed.

Giant Double Mixed. Pkt., 50c.



**BELLIS perennis (English Daisy). Per.**

Pink, red and white double flowers for edgings and low beds in sun or shade; 6 inches; sow October to April. Germination period 10 to 14 days. Monstrosa (large-flowered) sorts: Light Pink; Deep Rose; Etna, quilled red; White; Mixed. Single Mixed, for naturalizing. Pkt., 10c.

**BIDENS (Miniature Cosmos).**

Golden yellow, star-like flowers, on compact bushes with finely-cut foliage; 1½ feet; sow Feb. to May. Germination period 10 days. Pkt., 10c.

**BOLTONIA latiflora nana. Per.**

Light pink, aster-like flowers in midsummer, fine for cutting; 2½ feet; sow February to October. Germination period 20 days. Pkt., 10c.



**Brachycome for Ground-Cover  
and Small Bouquets**

**BRACHYCOME Iberidifolia (Swan River Daisy).**

Blue, pink, and white flowers like small Cinerarias, for low winter and spring beds, ground-cover, and cutting; 10 inches; sow Nov. to May. Germination period 10 days. Blue; Pink; White; Mixed. Pkt., 10c. (Oz. \$1.00; ½-oz. 55c.)

**BROWALLIA**

Pure blue flowers in all seasons, and in sun or shade; prefers rich soil; 1 foot; sow any time. Germination period 1 month.

Elata, dark blue bedder. Pkt., 10c.

Speciosa Major, very large bright blue pot variety.

Speciosa Alba, giant white. Pkts., 25c.

**CABBAGE, Flowering; Ornamental Kale.**

The foliage, as it becomes well-developed, turns green-and-white, or shades of purple, etc., usually along the wavy or curly edges, so that the entire loose head resembles a huge flower, striking in flower arrangements. Sow in Spring, and guard against leaf-eating insects through the summer. Pkt., 15c.

**CACALIA coccinea (Tassel Flower).**

Red and yellow tassels on wiry stems for bouquets; 18 inches; sow February to June. Germination period 10 days. Mixed. Pkt., 10c.

**CACTUS. Per.**

Drought-resisting, more or less spiny; sow in small seed pans indoors, or when weather is warm outdoors. All Kinds Mixed. Pkt., 15c.

**CALCEOLARIA. Per.**

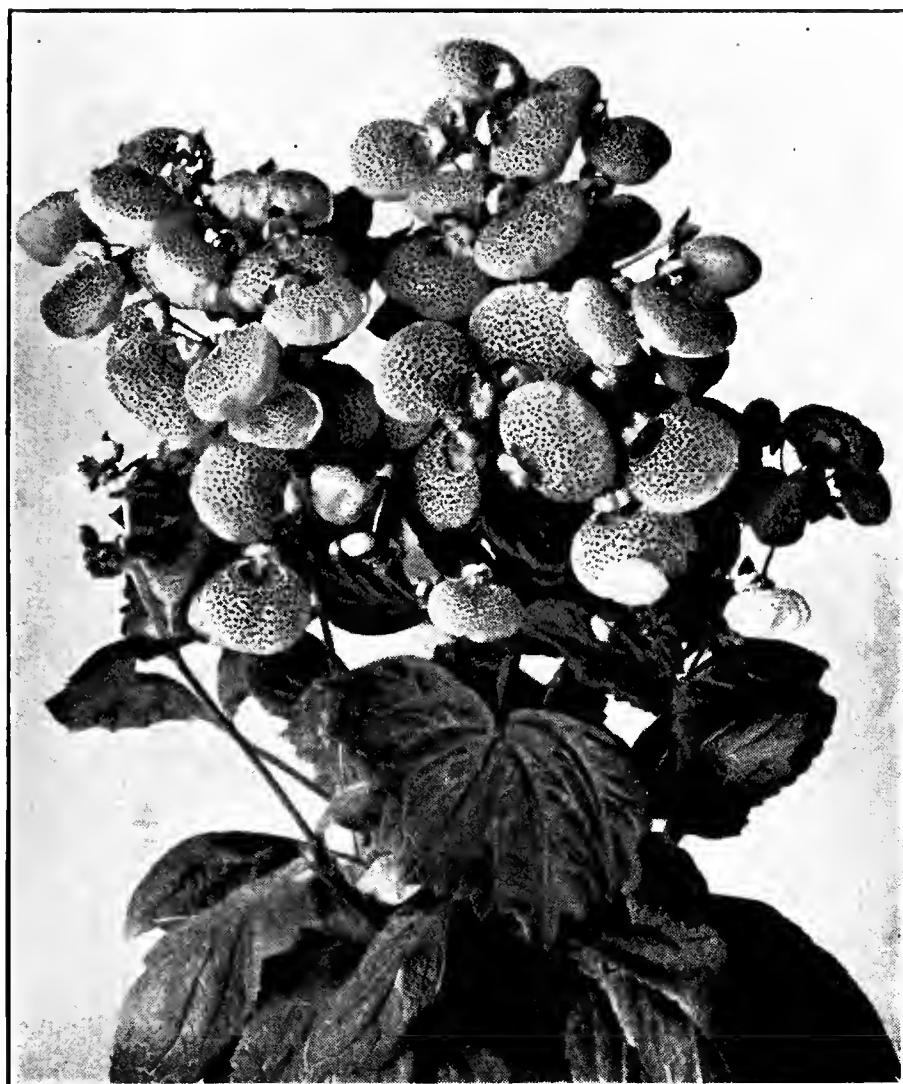
Yellow, orange, and red, spotted purse-shaped flowers in clusters, for pots and shady beds; about 1 foot; sow August to December.

Hybrida grandiflora, large-flowered, tender pot strain.

Rugosa grandiflora, Flower Cloud Mixed, large-flowered hardy strain for outdoor bedding in shade. Pkt., 50c.

**CALENDULA (Pot Marigold).**

Shades and combinations of orange, yellow, and cream, double flowers ideal for winter and spring beds and for cutting; 1 to 2 feet; sow July to March. Germination period 10 to 14 days.



**Calceolaria, The "Pocketbook Flower"**

**Flat-flower varieties:**

- Apricot Queen, soft orange.
- Ball's Gold, large deep yellow.
- Campfire, large dark orange.
- Masterpiece, largest long-stemmed orange.
- Lemon Queen, clear yellow.
- Orange Fantasy, coppery-orange petals edged red, center crested.
- Orange King Improved, standard rich orange.
- "White," cream picoteed apricot.
- Art Shades Mixed (new, pleasing mixture, many with picotee edges).
- All Colors Mixed. Pkt., 10c.

**Loose-petalled varieties:**

- Chrysantha (Sunshine), large, semi-double buttercup-yellow.
- Chrysantha Twilight (New), cream-yellow.
- Frilled Beauty, an improved Shaggy with laciniated orange petals.
- Lemon Shaggy (New).
- Orange Sunshine, like Chrysantha except color.
- Radio, quilled deep orange. Pkt., 10c.
- Yellow Colossal (New). See Novelties, page 3.

**Calendula, continued next page.**



**Dwarf Calliopsis  
for Edgings**

**Left, Calendula  
Chrysantha Twilight**

**CALIFORNIA POPPY.** (See Eschscholtzia.)

**CALLIOPSIS**

Yellow, yellow-and-red, and red daisy flowers for beds and cutting; sow March to July. Germina-

**CALENDULA, Continued**

tion period 10 to 14 days.

One-foot varieties: Radiata (Tiger Star), red; Dwarf Mixed.

Two- and three-foot varieties: Golden Crown large deep yellow with small red center-zone, very showy; Tall Mixed. Pkt., 10c.

**CAMPANULA medium (Canterbury Bells). Annual.**

Like the biennial, but only available in the single, cup-only, type; bloom in 5 to 7 months from sowing, which may be made at any time.

Liberty Bell, deep blue.

Angelus Bell, deep rose-pink.

Wedding Bell, pure white.

Mixed. Pkt., 15c.

**CAMPANULA medium (Canterbury Bells). Biennial.**

Light and dark blue, pink, white, bell-shaped flowers the second year from seed; 3 feet; sow September to March. Germination period 10 to 15 days.

Calycanthemum (cup-and-saucer), rose-pink, light blue, dark blue, white, mixed.

Single (cup only), mixed.

Double (full bells), mixed. Pkt., 10c.

**CAMPANULA, Perennial Varieties. Per.**

Blue, white, bell-shaped flowers; sow October to March.

Carpatica (Hare Bell), violet-blue, 9 inches.

Fragilis, large light blue, trailing, 6 inches.

Persicifolia (Peach Bell), blue, 2-3 feet.

Pyramidalis (Chimney Bell), blue, 5-6 feet tall.

Pusilla, light blue, 4 inches; free-blooming.

Rotundifolia (Blue Bells of Scotland), blue, 1 foot. Pkts., 15c.

**CANARY BIRD VINE (Tropaeolum Canariense). Vine.**

Light yellow, bird-like fringed flowers on rapid climber; related to Nasturtiums; sow January to May. Germination period 10 days. Pkt., 10c.

**CANDYTUFT**

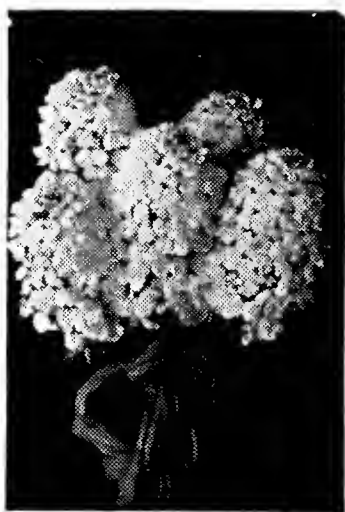
White, pink, lavender, and red flower-heads on bushy plants for borders, beds, and cutting; 1 foot; sow November to May. Germination period 10 to 14 days.

**Umbellata varieties:**

Pink, Lavender, Rose Cardinal, White, and Mixed. Dwarf (nana compacta). Mixed, 6 in.

**Hyacinth-flowered varieties:**

Giant White (a few large spikes), 1 foot. Miniature Gem, white, 4 inches. Pkt., 10c.



Showy Hyacinth-flowered Candytuft

**CANDYTUFT. Per. (See Iberis.)****CANNA. Per.**

Vivid pinks, yellows, oranges and reds, useful for foliage and flower mass effect; flower first year from seed, which soak; 3 feet; sow January to May. Germination period 2 weeks. Crozy's Hybrids Mixed. Pkt., 15c.

**CARDINAL CLIMBER (Ipomoea quamoclit hybrida). Vine.**

Fiery-red tubular flowers, on rapid vine; sow February to May. Germination period 10 to 15 days. Pkt., 15c.

**CARNATION (Dianthus Caryophyllus). Per.**

Pink, rose, red, white, yellow; 1½ feet; sow Oct. to April. Germination period 10 days.

Chabaud's Giant Pink, Rose, Scarlet, Yellow, White, and Mixed, bloom in 6 months from seed. Pkt., 10c.

Engelmann's Giant Strain, huge flowers in a wide range of colors. Pkt., 25c.

Allwood's Hardy Cottage Strain. (New). See Novelties, page 3, and cover illustration.

**CASTOR OIL BEAN (*Ricinus*). Per.**

Very rapid-growing foliage plant; sow January to April. Germination period 2 weeks. Sanguineus (6 feet), green, red-veined leaves, red stalks and fruit; Zanzibariensis (12 feet), green and bronze leaves. Pkts., 10c.

**CATANANCHE coerulea. Per.**

Lavender-blue, cornflower-like flowers, on long, slender stems for borders and cutting; sow March to August. Pkt., 10c.



**Celosia, Cockscomb Type, and (right) Plumosa**

**CELOSIA (Cockscomb).**

Crimson, rose, and yellow dense heads and plumes; sow March to May. Germination period 7 to 10 days.

Cockscomb type: Dwarf (1 foot), Amaranth Red. Plumosa (Feathered type; 2½ feet): Crimson; Yellow; Pride of Castle Gould Mixed.

Childsii (Chinese Woolflower; 2 feet): Mixed. Pkts., 10c.

**CENTAUREA Americana (Basket Flower)**

Large, feathery lilac flowers somewhat resembling an interwoven basket, on a handsome annual plant; 4 feet; sow October to May. Germination period 2 weeks. Pkt., 10c.

**The "Basket Flower," Centaurea Americana**

**CENTAUREA cyanus (Cornflower) (Bachelor's Button).**

Blue, rose, plum, and white flowers for beds and bouquets; sow November to May. Germination period 10 to 15 days.

Very double, re-selected Florist Strains (3 feet): Blue Boy, pure deep blue.

Pinkie, rose pink.

Snow Man, white.

Mixed. Pkts., 10c.

Dwarf bedding type (1 foot):

Jubilee Gem, deep blue. Very useful for both bedding and cutting.

Lilac Lady, (New), mauve-lilac. Pkts., 15c.

**CENTAUREA Imperialis (Sweet Sultan).**

Pink, lavender, purple, white, and yellow fragrant flowers like large, soft thistles; 2½ feet; sow November to May. Germination period 2 weeks. Amaranth Red, Purple, Lavender, Pink, and Mixed; Suaveolens, yellow. Pkts., 10c.

**CERASTIUM Biebersteinii (Snow in Summer). Per.**

White flowers and silvery foliage for sunny edgings and rockery; 8 inches; sow January to June. Pkt., 10c.

**CHIERANTHUS Allioni (Siberian Wallflower).**

Dazzling, bright orange or golden yellow flowers, produced freely from early spring to summer; 1 foot; sow September to March. Germination period 2 weeks. Vivid Orange; Golden Bedder, newer, deep yellow. Pkts., 10c.

**CHRYSANTHEMUM. Per. (See also Shasta Daisy.)**

Mawii, large, rich pink flowers on low fern-foliaged bushes, for borders and rockery; 1 foot; sow any time. Pkt., 15c.

Japonica, Double Mixed, includes Standard and Pompon Japanese Chrysanthemums. Pkt., 25c.

Korean Hybrids, early-flowering, bushy type for garden decoration. Single and semi-double Mixed. Pkt., 25c.

Cascade Type of Japonica, for training on sticks at an angle of 45° and allowing to droop over pot or basket at flowering-time. Mixed. Pkt., 25c.

**CHRYSANTHEMUM, Annual (Painted Daisies).**

Yellow, white, pink, and red, large daisy cut-flowers; 2 feet; sow October to April. Germination period 10 to 18 days.

Sultan, copper-red with yellow zone.

Gladstone, purple with yellow zone.

Northern Star, white, yellow zone.

Tricolor Mixed.

Nivelli (the Annual Marguerite), free-blooming tall, long-stemmed yellow. Pkts., 10c.



**"Painted Daisies",  
The Annual  
Chrysanthemum**

**CINERARIA hybrida.**

Unusually rich colors, in the showiest early spring bedding plant for shade, and pots; sow June to October. Germination period 8 to 10 days.

Grandiflora semi-dwarf (16 inches): Light Azure Blue; Royal Blue; Old Rose; Scarlet. Pkt., 25c.

Campbell's California Giant Strain, notable for the wide range of rich colors. Pkt., 50c.

Cremer's Prize Strain, semi-dwarf, with medium-sized flowers, but producing the largest heads of any type. Pkt., 50c.

Howard & Smith's Prize strain, Mixed. Pkt., 50c.

Multiflora nana, new dwarf (1 foot) type, with quantities of tiny flowers in all shades. Pkt., 25c.

Polyantha stellata, many-star-flowered (2 to 3 feet). Blue, and Mixed. Pkt., 25c.

**CLARKIA elegans.**

Pink rose, red, purple, and white double carnation-like flowers along spikes, beautiful in the garden or cut; 2 feet; sow November to April. Germination period 2 weeks.

Albatross, fine upright white.

Apple Blossom, delicate pink.

Firebrand, orange-scarlet.

La France, salmon pink.

All Colors Mixed. Pkts., 10c.

**CLEOME pungens (Giant Spider Plant).**

Rose-pink, and purple, curious flowers, with 6 long stamens, on spreading plant in bloom all summer; 4 feet; sow January to April. Rose Queen; Purple. Pkts., 10c.

**CLIANTHUS Dampieri (Glory Pea). Per.**

Red flowers with black spots, on gray-leaved plant; 2 feet; sow January to April. Requires good drainage at all times. Germination period 10 days, in warm, sandy soil. Pkt., 15c.

**COBOEA scandens (Cathedral Bells Vine). Vine.**

Violet-blue or white, large, bell-shaped flowers on very rapid, deep-green-leaved vine, for sun or partial shade; sow seeds on edge, February to May. Germination period 3 weeks. Purple; White. Pkt., 10c.

**COIX Lachrymae (Job's Tears).**

Interesting grass-like plant, grown for its smooth, hard, tear-shaped seeds, often used for beads; sow February to May, nicking seeds. Germination period 2 weeks. Pkt., 10c.



**COLEUS. Per.**

Ornamental foliage plant for pots or outdoors, with large, vari-colored, velvety leaves in partial or full shade; 1 to 2 feet; sow February to May. Germination period 10 to 15 days. Large-leaved Mixed; Rainbow Mixed. Pkts., 25c.

**COLLINSIA bicolor (Innocence) (Chinese Houses).**

Blue-and-white flowers in spikes; Calif. native, for sun and shade; 15 inches; sow November to April. Germination period 2 weeks. Pkt., 10c.

**COLUMBINE. (See Aquilegia.)****CONVOLVULUS, Annual. (See Morning Glories.)****CONVOLVULUS, Mauritanicus. Per.**

Lavender-blue, large flowers on trailing rockery perennial all spring and summer; 6 inches; sow July to November. Pkt., 15c.

**CORNFLOWER. (See Centaurea cyanus.)****COREOPSIS lanceolata grandiflora. Per.**

Chrome-yellow, large, glossy daisy flowers on long, graceful stems; 2 to 3 feet; seeds sown November to March bloom first season. Germination period 3 weeks.

Auriculata, yellow, small red center-zone.

Mayfield Giant, large-flowered single.

Double Sunburst, new large double yellow Pkt., 10c.

**CORN, Ornamental (Squaw Corn).**

Vari-colored kernels and ears, useful for a Spanish effect in patio or sun-room, when dried and hung by their pulled-back husks; sow April to June. Lb. 50c; Oz. pkt., 10c.



**Strings of Gourds and Ornamental Corn**

**COSMOS. (See also Bidens.)**

Crimson, pink, and white daisy flowers for show and cut with light green, feathery foliage; sow March to July. Germination period 10 to 14 days.

**Early sorts** (3 feet; bloom June-August):

Sensation, New, with huge pink, rose, and white flowers, on strong bushes in 10 weeks. Pinkie, rose-pink; Purity, white; Mixed.

Early Double Crested Mixed.

Orange Flare, new early-flowering form of the Late Klondyke Cosmos.

**Late sorts** (5 feet; bloom September and October):

Single Pink, White, Crimson, and Mixed.

Double Crested Mixed.

Klondyke, orange.

Pkts., 10c, except double sorts, 15c.

**CREPIS barbata (Hawkweed).**

Bright rose, semi-double, star-like daisies to cut or bed; 18 inches; sow January to May. Pkt., 10c.

**CYCLAMEN persicum giganteum. Per.**

Salmon, pink, rose, red, lavender, white "shoot-ing-star" flowers with beautiful foliage, for pots or outdoors in shade; 1 foot; sow any month but allow 18 months to flower. Germination period 3 weeks.

Choice Mixed, 1c per seed.

German giant-flowered strain: Rose-pink, Salmon, White, and Mixed, 3c per seed.

**CYNOGLOSSUM amabile (Chinese Forget-Me-Not).**

Pure blue, or pink, large forget-me-not-like flowers in sprays, good for cutting and bedding in

Continued on next page.



**New Dwarf Chinese Forget-me-not,  
Cynoglossum Firmament**

sun; sow October to April. Germination period 10 days.

Clear Blue (2 feet).

Pink (2½ feet). Pkt., 10c.

Firmament (New), purest mid-blue, dwarf and bushy (15 inches). Pkts., 15c and 25c.

### **CYNOGLOSSUM linifolium (Omphaloides).**

White forget-me-not-like flowers, with silvery foliage, for ground-cover or border in winter and spring; 6 inches; sow October to March. Pkt., 10c.

### **CYPRESS VINE (Ipomoea quamoclit). Vine.**

Red and white star-shaped flowers on quick, twining vine with feathery foliage; sow February to May. Germination period 10 to 20 days. Mixed. Pkt., 10c.

### **CUPHEA Firefly.**

Fiery rose-red flowers freely produced on compact bushes, for bedding or for pots; 10 inches; sow March to June. A distinct new flower for your garden or patio. Pkt., 15c.

### **DAHLIA. Per.**

Great variety of colors and types, blooming profusely and forming tubers the first season; sow February to May. Germination period 10 days.

**Campbell's Prize Mixed** (from Cactus and Decorative, improved named sorts only). Pkt., 25c.

**Unwin's Dwarf Hybrids** (1½ feet, early-flowering, semi-double). Mixed. Pkt., 25c.

**Collarette Mixed.** Large single flowers, with tuft of contrasting color about center. Pkt., 10c.

**Pompon Mixed.** Pkt., 15c.

**Coltness Bedding Hybrids** (1½ feet; single). See description of new strain on page 4. Pkt., 25c.



**Campbell's Prize  
Dahlia Type**

**DATURA (Angel's Trumpet).**

White, yellow, and purple, large, showy trumpet flowers on handsome specimen plants, in bloom all summer; 3 feet; sow February to May. Germination period 2 to 3 weeks. Mixed. Pkt., 10c.

**DELPHINIUM Chinensis.**

Dwarf annual, with flowers very similar to perennial sorts, for low beds and edging; 1 foot; sow December to April. Germination period 2 weeks.

Blue Butterfly Improved, ultramarine blue.

Azure Fairy, clear light blue. Pkts., 10c.

Blue Mirror (New), spurless Larkspur. See Novelties, page 4.

**DELPHINIUM. Per.**

Splendid, stately border and bedding plant and cutting flower; sow August to November for bloom in spring, or sow December to March for bloom that summer. Germination period 2 to 3 weeks.

**Cutflower varieties:**

Cliveden Beauty (Improved Belladonna), light blue.

Bellamosum, dark blue. Pkts., 15c.

**Large-flowered, tall, bedding varieties:**

Campbell's XXX Hybrids, with large flowers in all shades of blue and lavender-blue. Pkt., 15c.

Cardinale native scarlet larkspur.

Wrexham Hollyhock Strain Mixed, all shades.

Wrexham Art Shades, lavender-blues and mauves. Pkts., 25c.

Pacific Giants (New), fully double, **mildew-resistant** strain, the finest obtainable:

Galahad Series, enormous clear white, individual flowers often 3 in. across.

Lancelot Series, pure lilac self, 2 in. flowers.

All Shades Mixed. Pkts., 35c.

**DIANTHUS (Perennial Pinks). Per.**

Pink, rose, red, white; fragrant; sow October to March. Germination period 1 to 2 weeks.

**Plumarius (Clove Pink) varieties; 1½ feet:**

Cyclops Mixed. (Large-eyed single flowers in rich colors—the best ever-blooming Pink.)

Semperflorens Single and Double Mixed, Pkts., 10c.

**Perennial Dianthus** continued on next page.



**New Bedding and Pot Plant,  
Cuphea Firefly.**

Packet, 15c . . . See preceding page.

**PERENNIAL DIANTHUS, Continued.****Rock-Garden species:**

Allwoodii Alpinus, new, 4 to 6 inches, mixed colors. Pkt., 50c.

Caesius (Cheddar Pink) pink with tufty 3-inch foliage and 6-inch stems. Pkt., 10c.

Deltoides (Maiden Pink), rose, 8 inches. Pkt., 15c.

Winteri, striking new pinks in pure colors, compact habit, very fragrant large flowers. Pkt., 25c.

Rock-Garden Rare Species Mixed, including 25 kinds. Pkt., 25c.

**Loveliness**, large mauve flowers with lacerated petals and delicious fragrance. Pkt., 15c.

**DIANTHUS (Annual Pinks) (See also Sweet Wivelsfield.)**

Shades of red, pink, crimson and white; 1 foot; sow October to March. Germination period 5 to 10 days.

**Heddewigi laciniatus (Japanese Pink) varieties:**

Crimson Belle, single crimson.

Salmon Queen, single salmon.

Snowdrift, double pure white.

Splendens, large deep red with white eye.

Single Mixed.

Double Mixed.

**Chinensis (Chinese Pink) varieties** (flowers smaller, in clusters like Sweet William):

Double Mixed. Pkt., 10c.



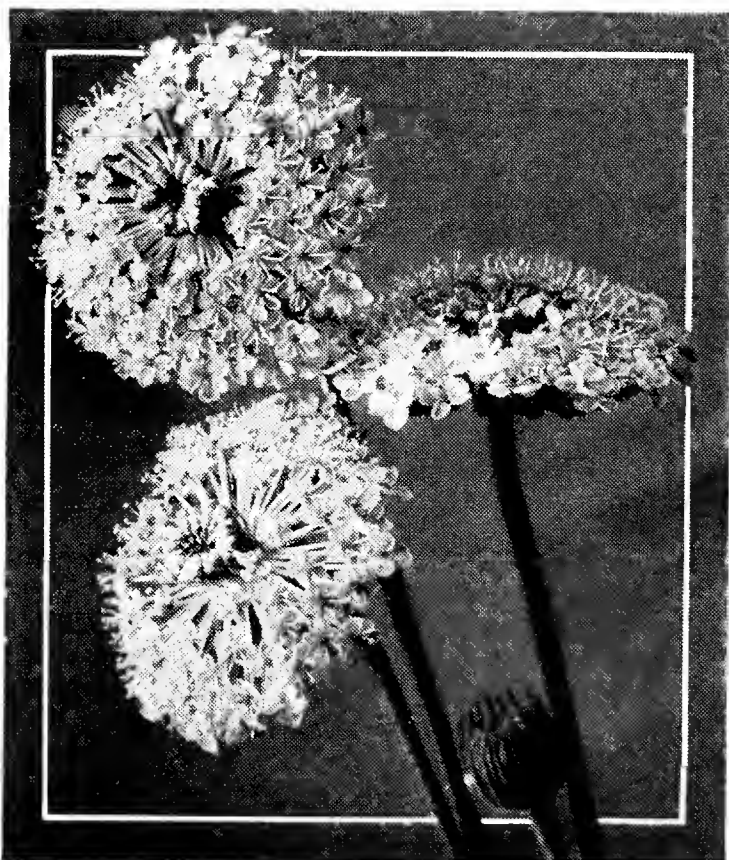
**Showy Red-an-White Dianthus Splendens**

**DIASCIA Barbarae.**

Pure, soft salmon-rose flowers, each with two spurs, for rockery or pots; 1 foot; sow March to May. Pkt., 15c.

**DICTAMNUS fraxinella (Gas Plant).**

Pink and white flowers, good for borders; foliage gives off a gas which may be ignited with a lighted match; 2½ feet; sow Feb. to Sept. Germination very slow and uneven. Pkt., 15c.



**Didiscus, the Lovely "Blue Lace Flower"**

**DIDISCUS Coeruleus (Blue Lace Flower).**

Soft blue, tiny tubular flowers forming lacy heads on long stems for bouquets; 2½ feet; sow Feb. to June. Germination period 2 weeks. Pkt., 10c.

**DIGITALIS (Foxglove). Bien. and Per.**

Pink, purple white, large open-tubed flowers in tall, erect spikes; 4 feet; sow by April for certain

flowers the following spring. Germination period 10 to 15 days.

**Biennial variety:**

Giant Shirley Hybrids (spotted) Mixed. Pkt., 10c.

**Perennial varieties:**

Hybrida Lutzii, salmon shades.

Isabellina, buff and yellow. Pkts., 15c.

**DIMORPHOTHECA****(African Daisy).**

Orange, yellow, salmon, and white, large daisy flowers, unusually brilliant for bedding in all seasons; 1 foot; sow any time. Germination period 10 to 20 days. Aurantiaca, orange; Salmon Beauty; Golden West, yellow; Pluvialis, pure white Hybrids Mixed. Pkts., 10c



Clear Yellow  
Dimorphotheca  
Golden West

**DIMORPHOTHECA Ecklonis. Per.**

(See also page 4.)

White, blue center, with mauve reverse, flowers 3 inches across; blooms thru winter until summer; sow any time; 2 feet. Germination period 2 to 3 weeks. Pkt., 15c.

**DOLICHOS Soudanensis (Hyacinth Bean). Vine.**

Rosy-purple pea flowers on quick vine, with showy purple pods; sow March to May. Germination period 10 days. Pkt., 10c.

**DOLLAR PLANT (See Lunaria.)****DUSTY MILLER (Centaurea sp.). Per.**

Candidissima: thick, silvery-white foliage, 10 inches; Gymnocarpa: grey foliage, 20 inches; sow January to May. Germination period 2 to 4 weeks. Pkts., 10c.

**ECHINOPS ritro (Globe Thistle).**

Per.

Violet-blue, globular, prickly heads, striking in flower arrangements either fresh or dried; 5 feet; sow March to July. Pkt., 15c.



Echinops, the  
Blue Globe Thistle

**ECHIUM Plantagineum,**

Blue Bedder.

Clear deep blue flowers, from pink buds; a striking new bedding plant, resistant to drought; 1 foot; sow March to June. Pkt., 15c.

**ENGLISH DAISY. (See Bellis.)****ERYNGIUM Amethystinum (Sea Holly). Per.**

Amethyst blue, interesting prickly flower-heads; 5 feet; sow March to Sept. Pkt., 15c.

**ERIGERON (Midsummer Daisy). Per.**

Pink and lavender, large, single daisies with many short, narrow petals; a close relative of perennial Asters; 2 feet; sow July to March. Germination period 2 weeks. Multiradiatus Roseus, pink; Speciosus Grandiflorus, lavender. Pkts., 15c.

**ESCHSCHOLTZIA (California Poppy).**

Orange, crimson, rose, yellow, and white, showy, glossy-petalled flowers for bedding, ground cover

Continued on next page.



**ESCHSCHOLTZIA, Continued.**

on vacant lots, and bouquets (cut the flowers early, before they open); 1 foot; sow November to June. Germination period 10 days.

Aurantiaca, orange (True native poppy). (Pkt., 10c; Oz., 30c; Lb., \$3.00.)

Ballet Girl, carmine outside, cream inside.

Cherry Ripe, semi-double cherry red.

Fringed Yellow, buttercup-yellow.

Golden West, yellow with orange center.

Lovely, salmon rose.

Scarlet Beauty, best bright red, single.

White.

Common Mixed (orange, yellow, and white).

Hybrida Mixed (all new and unusual shades).

Pkts. of all above 10c.

Monarch Art Shades, double mixture. Pkt., 15c.

Sweetheart, double pink. (New). See Novelties, page 4.

**EUPATORIUM Fraseri. Per.**

White flower-heads resembling Ageratum, on good stems for cutting; 2 feet; sow March to Sept. Pkt., 15c.



**Euphorbia Heterophylla**  
"Annual Poinsettia"

**EUPHORBIA heterophylla**  
(Annual Poinsettia).

Showy orange-red bracts (as in the Perennial Poinsettia) make this an interesting summer and fall bedding annual; 3 feet; sow March to June. Germination period 10 days. Pkt., 15c.

**EUPHORBIA variegata**  
(Snow on the Mountain).

Ornamental foliage annual, with distinct white and green leaves, for beds or mixed bouquets; sow March to June. Germination period 2 to 3 weeks. Pkt., 10c.

**EXACUM affine.**

Bright pure blue flowers with golden stamens; light green foliage, thick and wavy; a fragrant and charming pot plant flowering all summer from December to March sowings; 8 inches. Use two plants to a pot, and rich soil mixed with leaf-mold; give plenty of light and air. Pkt., 35c.

**FELICIA Bergeriana (Kingfisher Daisy).**

Sky-blue daisy-like flowers on low 6-inch free-flowering plants for edgings and rockery; an "annual Agathea"; sow February to June. Germination period 3 weeks. Pkt., 25c.

**FORGET-ME-NOT. (See Myosotis.)****FOUR O'CLOCK (Mirabilis) (Marvel of Peru). Per.**

Red, pink, white, yellow flowers opening in afternoon, on bushy plants; may be grown as annual; sow October to April. Germination period 2 weeks. Dwarf Mixed, 1 foot; Tall Mixed, 3 ft. Pkts., 10c.

**FOXGLOVE. (See Digitalis.)****FREESIA. Per.**

White, lavender, pink, red, orange, and yellow shades, fragrant; 1 foot; sow July to October for bloom the first spring; Refracta alba, white; Rainbow Hybrids, large flowers in all colors. Pkts., 15c.

**GAILLARDIA grandiflora. Per.**

Red and yellow, very large daisies, blooming all summer and fall; 3 feet; sow September to April.

Burgundy, deep all-red.

Chloe, deep all-yellow.

Dazzler, yellow with maroon center.

Goblin (dwarf; 1 foot), yellow, red border.

Portola Hybrids, semi-double orange-and-red.

Tangerine, unusual new shade: copper-orange.

Pkts., 15c and 25c.



**GAILLARDIA (Annual Blanket Flower).**

Red, yellow, and red-and-yellow large, profuse-blooming daisies; 2 feet; sow January to April. Germination period 2 to 3 weeks. Indian Chief, bronzy-red; Picta, single mixed; Lorenziana, double mixed, unusual and well worth growing. Pkts., 10c.

**GAURA Lindheimeri.**

White flowers, tinged pink, in spikes on strong, graceful plant from July to October; likes sun and drought; 3 feet; sow Feb. to May. Pkt., 10c.



**Lovely California Poppy Mixture,  
Eschschlotzia Monarch Art Shades**  
Packet, 15c

**GAZANIA splendens hybrida grandiflora. Per.**

Orange, yellow, cream, and white showy, long-stemmed daisy-flowers with brown or green spots about the centers, on low-foliaged edging or bedding plants; sow September to March for bloom first summer. New Hybrids Mixed. Pkt., 15c.

**GERANIUM Zonale.**

Brilliant orange, red, salmon, pink, and white single flowers in large heads on somewhat tender plant for bedding and pots; sow April to July. Germination period 30 to 40 days. Large-flowered Mixed. Pkt., 25c.

**GERBERA Jamesonii (Transvaal Daisy). Per.**

Almost every conceivable shade except blue and purple is found in these long-stemmed, large-flowered African Daisies for beds and bouquets; 2 feet; sow any time. Germination period 2 weeks. New Early Giant Mixture. Pkt., 25c.

**GESNERIA robusta perfecta.**

Red, orange, and pink tubular flowers on a tender pot plant with attractive soft leaves, allied to Gloxinia; 1½ feet; sow in greenhouse anytime. Hybrids Mixed. Pkt., 50c.

**GEUM. Per.**

Scarlet, yellow, and orange, semi-double rose-like flowers, on long stems in spring and summer, for beds and bouquets; 2 feet; sow October to March. Germination period 3 weeks.

Mrs. Bradshaw, scarlet-red.

Lady Stratheden, bright yellow. Pkts., 10c.

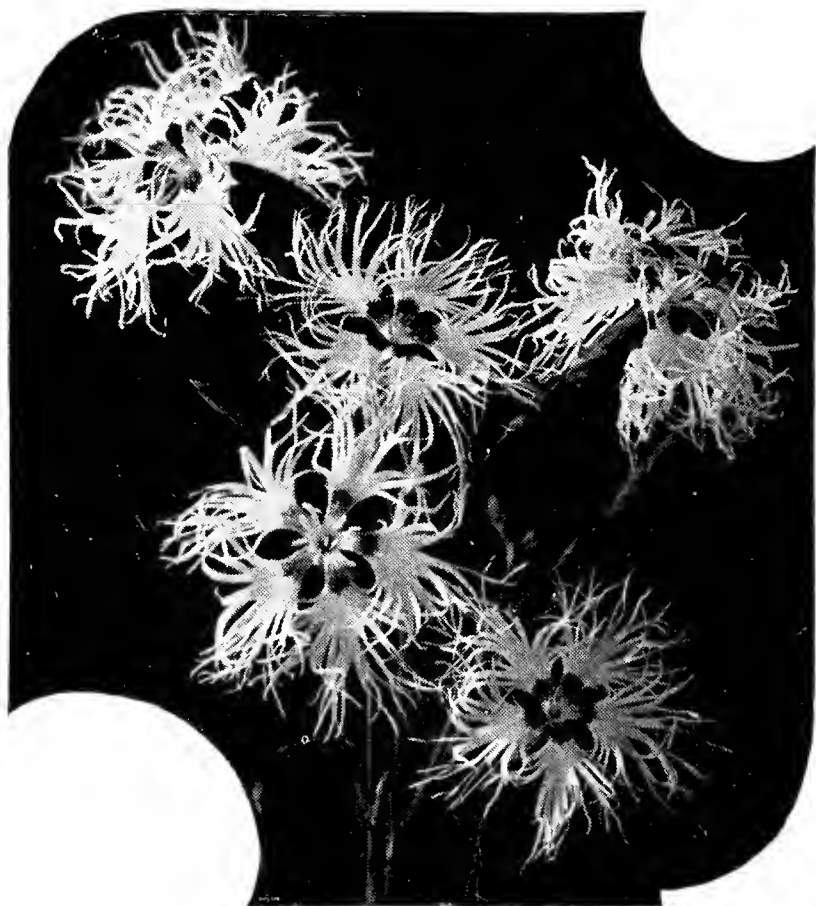
Prince of Orange, semi-double orange. Pkt., 25c.



**For Continuous Bloom Sow Annual Gaillardia**  
 . . . See preceding page.

**GILIA coronopifolia (Texas Plume). Bien.**

Vivid scarlet, tubular flowers all summer and fall, on tall, slender plants, with Cypress-like foliage; 3 feet; sow September to January for bloom the following summer. Pkt., 15c.



**Interesting, Fragrant, Dianthus Loveliness.**  
 Packet, 15c . . . See page 26.

**GILIA**

Natives, easily and quickly grown; sow November to May. Germination period 10 days.

*Capitata* (Thimble Flower, 2 feet), with lavender-blue flowers in globular heads on long stems.

*Tricolor* (Bird's Eyes, 1 foot), with lilac flowers spotted yellow and purple in center.

*Micrantha* (Fairy Stars), with tiny flowers on neat 6-inch plants for ground-cover, rockery, or cut, for miniature bouquets, in a mixture of salmon, pink, copper, yellow, and cream.

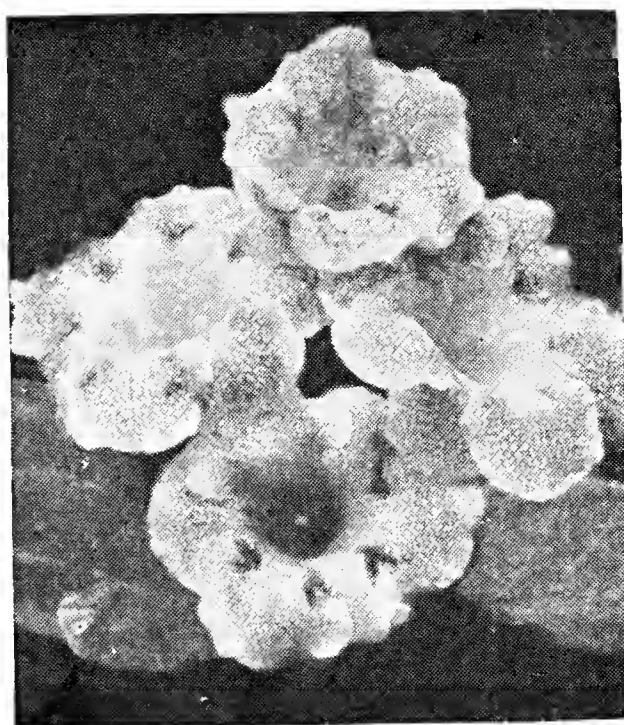
*Gilia liniflora*  
is One of the  
Best California  
Wild-Flowers  
for Cutting



*Liniflora*; Lavender or white, single, flax-like flowers on long stems for cutting; 15 inches. White Swan, pure white; Bunch of Lilacs, lavender-blue. Mixed. Pkts., 10c.

**GLOBE AMARANTH (*Gomphrena*).**

Purplish-red, pink, white, and orange clover-like everlasting flowers; make showy beds; 1 foot; sow February to May. Germination period 2 weeks. Purple-red; Orange; Mixed. Pkts., 10c.



**Gloxinias Make Gorgeous Pots**

**GLOXINIA *hybrida grandiflora*. Per.**

Rich red, pink, blue, and white, huge velvety flowers best in pots in semi-shade; water plants from below to avoid rot at the leaf-axils; 1 foot; sow in greenhouse anytime. Sowings made January to March will flower the same summer. Mixed. Pkt., 50c.

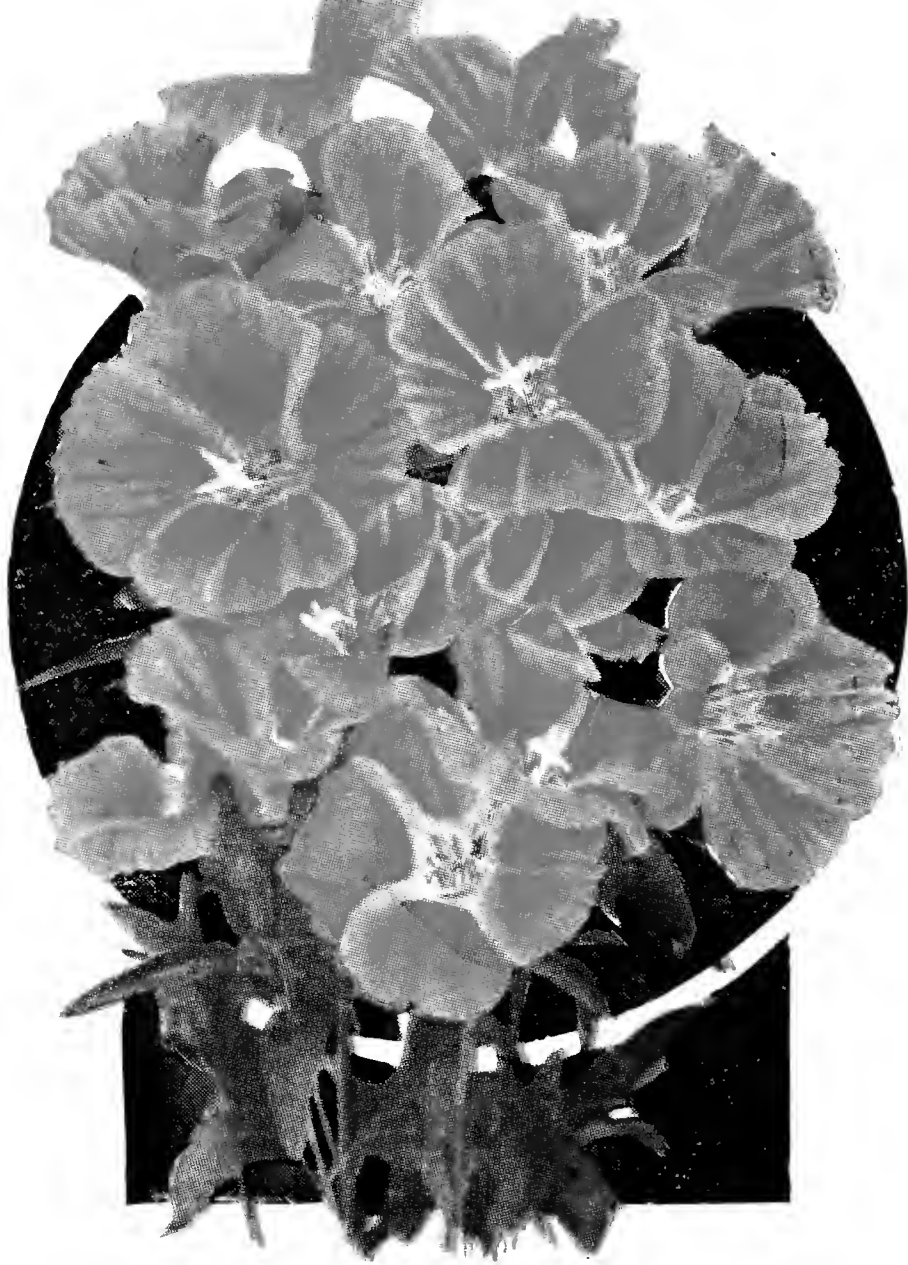
**GODETIA**

Pink, rose, red, and white, large satiny flowers for showy beds in sun or partial shade, and bouquets; sow November to June. Germination period 2 weeks.

**Half-Dwarf** (1½ feet; flowers in clusters):

Brilliant, deep crimson.

Duke of York, rich scarlet, edged white.



**Godetia Kelvedon Glory . . . Pkt., 10c.**

Kelvedon Glory, salmon-apricot.

Orange Glory (New), vivid salmon-orange (25c).

Sybil Sherwood, soft salmon-pink.

Double Sybil Sherwood (15c).

White Swan, large, pure white.

Single Varieties Mixed.

Double Azalea-flowered Mixed. Pkts., 10c.

**Tall** (2½ feet; double flowers in spikes):

Carminea Improved, pink, deeper centered.

Rosy Morn, bright pink.

All Colors Mixed. Pkts., 10c.

**GOURDS**

Quick vines or trailers, with unique or ornamental fruits; sow March to June. Germination period 2 weeks. Allow a fruit to remain on vine until its stem dries.

**Small-fruited varieties:**

Apple; Bottle; Egg, white; Orange, color and shape; Pear, striped; Pear, bicolor; Spoon, round and long-necked; Turk's Cap, red and white; Warty Mixed; Small Sorts Mixed.

**Large-fruited varieties:**

Cave Man's Club, medium-sized, knobby, stays dark green; Calabash Pipe; Dipper; Dish Cloth; Giant Bottle or Jug; Giant Club; Malabar Melon, edible; Large Sorts Mixed. Packets, 10c.

**All-Types Mixture**, Pkt., 10c.

**GRASSES, Ornamental.**

Decorative and interesting seed-heads as well as foliage, for mixed bouquets or to use with everlastings; 1 to 2 feet; sow February to May. Dwarf and Semi-Dwarf Mixed. Pkt., 10c.

**GYPSOPHILA elegans (Baby's Breath).**

White, pink, or red, dainty flowers in airy clusters for mixing in bouquets; 2 feet; sow October to May. Germination period 10 to 14 days. Grandiflora alba, white; Pink; Crimson. Pkts., 10c.

**GYPSOPHILA paniculata. Per.**

Double, tinier flowers than the annual, ideal for bouquets and mixing, all summer and fall on large, bushy plants; 3 feet; sow October to May. Germination period 2 weeks. Double Snow White; Pacifica, pale pink, blooms earlier. Pkts., 25c.



**Campbell's Hybrid Cineraria . . . Pkt., 50c . . . See page 22.**

**HELENIUM Autumnale (Sneezewort). Per.**

Golden yellow, single daisy flowers with crimson zone and dark globular centers in Fall; 4 feet; sow November to March. Germination period 10 to 20 days. Riverton Gem. Pkt., 15c.

**HELIANTHEMUM mutabile (Rock Rose). Per.**

Rose, turning lilac, then white, single-rose-like flowers on evergreen rockery plant; 8 to 12 inches; sow February to May. Pkt., 10c.

**HELIANTHUS (Sunflower).**

Yellow, orange, bronze-red, large daisy flowers, showy for backgrounds; sow December to April. Germination period 10 to 14 days.

Russian (10 feet), gigantic single, with edible seeds.

Sanguineus (6 feet), orange, brown and purple

Continued on next page.



**Helianthus continued**

shades of red.

Miniature (5 feet). small golden yellow.

Dwarf Double 'Mum-flwd. (3 feet), large, fully-double golden flowers. Pkts., 10c.

**HELIANTHUS angustifolius (Autumn Glory). Per.**

Golden yellow masses of bloom in Fall, from clusters of daisy flowers, with small dark centers; 5 to 7 feet; sow December to March. Pkt., 15c.



**Showy Dwarf  
Double Sunflower**



**Helichrys um,  
the Best Everlasting**

**HELICHRYSUM (Strawflower).**

Yellows, pinks, reds, and white, large, very double everlastings, showy in beds and backgrounds; 3 feet; sow October to May. Germination period 2 weeks. All Colors Mixed. Pkt., 10c.

**HELIOPHILA linearifolia (Cape Cress).**

Bright deep blue, white-centered flowers in spikes with wiry stems, foliage grass-like, for pots and borders; 1 foot; sow October to May. Pkt., 25c.

**HELIOTROPE. Per.**

Blue and purple shades, in fragrant clusters, easily grown; 2 to 6 feet; sow February to May for bloom first year. Germination period 3 weeks. King of the Blacks, deep purple; Madame Lederle, deep blue; Mammoth Mixed. Pkts., 15c.



**Anemones Bloom  
First Year.  
... See page 14.**



**Hibiscus, Mallow  
Marvels, Flower  
the First Year**

**HESPERIS matronalis (Sweet Rocket). Per.**

Purple and white single stock flowers, fragrant in evening; 3 feet; sow anytime. Germination period 18 days. Mixed. Pkt., 10c.

**HETEROPAPPUS (Blue Daisy).**

Lavender-blue daisy-flowers in Fall; 2 feet; sow February to May. Pkt. 15c.

**HEUCHERA (Coral Bells). Per.**

Pink, rose, and red, tiny bell-like flowers in clusters, with attractive low foliage, for rockeries and borders in sun or partial shade; 1½ to 2 feet; sow July to March. Alba, creamy-white. Brizoides, rose-pink. Sanguinea, coral-red. Hybrids, shades from pink to crimson. Pkts., 15c.



**HIBISCUS (Mallow Marvels). Per.**

Pink, red, white, large flowers, 6 inches across; the true herbaceous Hibiscus; 4 feet; sow February to May for bloom first season. Germination period 2 to 4 weeks. Mixed. Pkt., 10c.

**HOLLYHOCK. Per.**

Pink, salmon, red, and yellow shades, in stately spikes ideal for backgrounds; 5 to 6 feet; sow February to August. Germination period 3 weeks.

Triumph, new loose-petaled double mixed in a wide color-range.

Chater's Double Newport Pink, Rose, Salmon, Crimson, Yellow, Mixed.

**Don't Miss Growing the New Annual Hollyhock, Indian Spring . . . Pkt., 15c.**

Indian Spring (New), rose-pink shades; semi-double. Blooms in 5 months, so may be grown as an annual. Pkt., 15c.  
Single Mixed. Pkts., 10c.

**HONESTY. (See Lunaria)****HONEYSUCKLE. French (Hedysarum coronarium). Per.**

Small red, fragrant flowers on bushy plant for bedding; 2 feet; sow March to July. Pkt., 10c.

**HUMULUS Japonicus (Japanese Hop). Vine.**

Rapid climber, with dense green, variegated white foliage untroubled by heat, drought or insects; sow March to May. Germination period 30 to 40 days. Pkt., 10c.

**HUNNEMANNIA fumariaefolia (Mexican Tulip Poppy). Per.**

Bright yellow, cup-shaped flowers, 3 inches across on long stems, keeping well when cut; 2 feet; sow November to April. Germination period 2 weeks. Sunlite, semi-double (the extra row of petals stands out from the cupped inner ones). Pkt., 15c. Single, Pkt., 10c.

**IBERIS Gibraltarica (Perennial Candytuft). Per.**

Lilac, turning white, small flowers in clusters on spreading, sunny rocky perennial in spring; 8 inches; sow January to June. Pkt., 10c.

**IMPATIENS Holstii (Zanzibar Balsam).**

Rich pinks, reds, and purples, rapid-growing and long-blooming, for pots and half-shady outdoor beds; 1½ feet; sow March to June. Germination period 15 days. Hybrids Mixed. Pkt., 15c.

**IPOMOEA. (See Morning Glories.)****JOB'S TEARS. (See Coix Lachrymae.)****JOHNNY-JUMP-UP. (See under Viola.)****JAPANESE HOP. (See Humulus.)****KALE, Ornamental. (See Cabbage, Flowering.)**



**You'll Like Jubilee Gem, the  
New Dwarf Blue Cornflower,  
in a Bed or a Bouquet . . . See page 21.**

**KENILWORTH IVY (*Linaria Cymbalaria*). Per.**

Dainty trailer, for shade, with tiny lilac, orange-lipped flowers; sow January to May. Pkt., 10c.

**KOCHIA Childsii  
(Summer Cypress).**

Bright green, feathery foliage, forming compact bushes quickly, that turn fiery red in Fall; 2 to 4 feet; sow January to June. Germination period 10 days. Pkt., 10c.

**KUDZU VINE (*Pueraria  
Thunbergiana*). Per. Vine.**

Very rapid, vigorous shade vine, with light purple, fragrant, Wisteria-like flowers; nick seed-coat before sowing; sow February to May. Germination period 25 to 50 days. Pkt., 10c.



**"Fire-Bush" or  
Kochia**

**LANTANA. Per.**

Red, pink, lavender, orange, and yellow flowers in verberna-like clusters; bloom the first year from seed and form shrubs; sow January to May; Dwarf Hybrids 1 to 2 feet; Tall, 3 to 5 feet. Pkts., 10c.

**LATHYRUS latifolius (Perennial Sweet Pea). Per. Vine.**

Red, pink, and white sweet-pea flowers (not fragrant) in clusters, on vine best as trailer and ground-cover; sow November to May. Germination period 3 weeks. Pink Beauty; White Pearl. Red; Mixed. Pkts., 10c.

**LARKSPUR (Annual Delphinium).**

Pink, red, blue, lilac, and white, ideal bedding and cutting flowers best sown from late Fall to early spring where to remain, allowing 3 to 4 weeks for germination; 3 to 5 feet; sow October to April.

**Giant Imperial** (tall, upright type, branching at the base to yield long stems for cutting):

Blue Bell, clear azure blue.

Blue Spire, rich deep blue.

Carmine King rose-red.

Coral King, new deep coral-pink.

Gloria, deep rose.

Pink Perfection, (New), best pure pink (15c).

Miss California, salmon-pink.

Lilac Spire, deep lavender.

White King, new erect pure white.

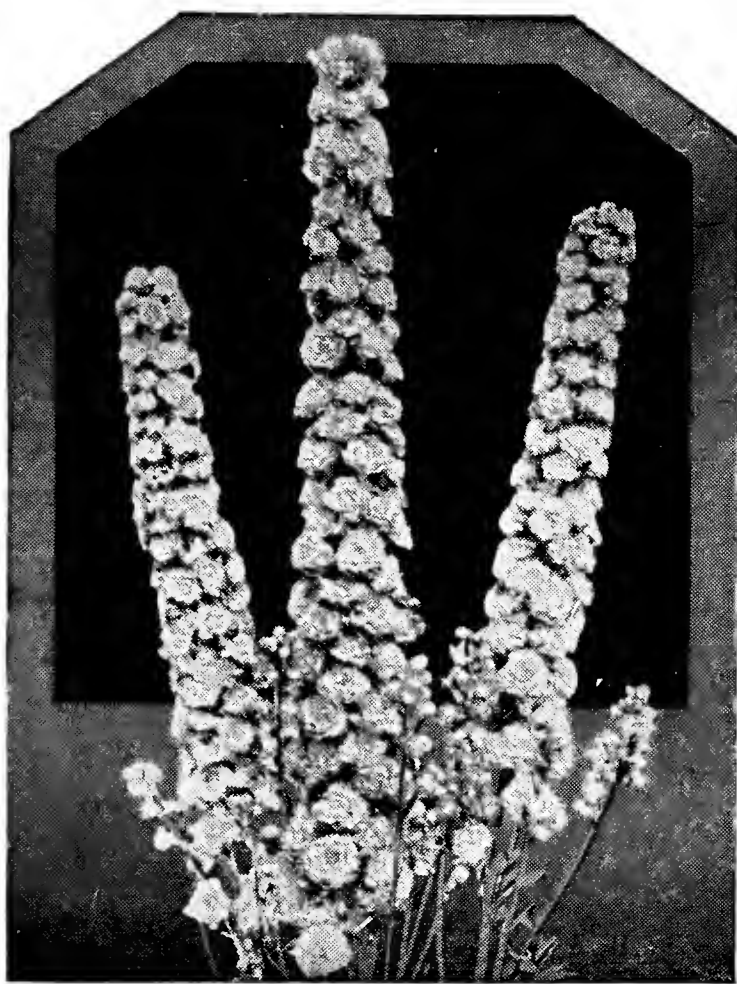
Giant Imperial Mixed. Pkt., 10c.

(Oz., \$1.00; ½-oz. 55c.)

**Stock-flowered** (3 to 4 feet; branches along stalk, so stems shorter):

Rosamond, pure deep rose-pink. Pkt., 10c.

Mixed. (Pkt., 10c; oz. 60c; ½-oz. 35c.)



**Giant Hyacinth-flowered or Wrexham type** (heavy central spike of extra-large flowers):

Dark Blue; Pure Pink; White; Mixed. Pkts., 10c.

**LAVATERA splendens (Annual Mallow).**

Rose-pink, large flowers on bushy plant for show and cut; 2½ feet; sow November to March. Germ. period 2 to 5 weeks. Rosea, best rose. Pkt., 10c.

**LAVATERA Assurgentiflora (Calif. Windbreak). Per.**

Rose-pink flowers on fast-growing shrub-like perennial; evergreen in mild climates; kills out in severe; 10 feet; sow March to July. Germination period 3 to 5 weeks. Pkt., 10c.

**LAVENDER (Lavandula vera). Per.**

Small lavender flowers, delightfully fragrant; a favorite for drying; 2 feet; sow December to March. Germination period 30 days.

Munstead strain, dwarf (1 foot), deep lavender, Pkt., 15c.

True English (2 feet). Pkt., 10c.



**Tidy Tips (*Layia elegans*), a Calif. Daisy**

**LAYIA elegans (Tidy Tips).**

Native yellow daisy, petals edged with creamy-white, for quick spring show and cutting; 1½ feet; sow October to April. Pkt., 10c.

**LEMON VERBENA (*Aloysia citriodora*). Per.**

Fragrant-leaved, hardy shrub; 4 feet; sow February to May. Pkt., 15c.

**LEPTOSIPHON.** (See *Gilia micrantha* and *liniflora*.)

**LEPTOSYNE maritima (See Dahlia). Per.**

Yellow flowers fine for cutting; native perennial blooming in 90 days; 2 feet; sow November to June. Germination period 2 weeks. Pkt., 10c.

**LEPTOSYNE Stillmanni (Wild Coreopsis).**

Yellow daisy-flowers for cutting, six weeks after sowing; California wildflower; 1½ feet; sow November to July. Germination period 10 days. Single. Pkt., 10c.

Golden Rosette, new double-yellow. Pkt., 15c.

**LIATRIS pycnostachya (Kansas Gayfeather). Per.**

Strikingly showy tall, feathery spikes of rosy-purple in midsummer; 5 feet; sow March to August. Germination period 3 to 5 weeks. Pkt., 15c.

**LILIUM species (True Lilies). Per.**

**Formosanum** (*Philippinense*), pure white trumpets, lovely in the garden and cut, in September and October from seed sown the previous fall and winter (by early March, will still bloom); 3 feet.

**Regale** (Regal Lily), extra-large white trumpets tinted pink outside, centers golden, in June from seed sown previous spring; 3 feet.

**Tenuifolium** (Siberian Coral Lily), dainty coral-red, deeper-spotted, pendulous flowers with recurved petals, in April from seed sown previous Spring; 18 inches. Pkts., 15c.

**Many Other Lily Species** available:

*Auratum platyphyllum* (Gold-banded).

*Candidum* (Madonna).

*Concolor*, fiery scarlet.

*Henryi*, golden orange "Tiger" Lily.

Humboldtii, tall native "Tiger".  
 Japonicum, clear rose-pink trumpets.  
 Martagon, purple Turk's Cap.  
 Speciosum rubrum, pink-and-white.  
 Tenuifolium Golden Gleam, larger, lighter.  
 Washingtonianum, white and purple.  
 Willmottiae, orange-red. Pkts., 25c.

### **LIMNANTHES Douglassi (Meadow Foam).**

White-and-yellow, fragrant flowers, effective in beds or edgings, in moist partial shade; native; 6 inches; sow November to April. Pkt., 10c.

### **LINARIA (Toad Flax) (Baby Snapdragon).**

Lavender, purple, pink, chamois, yellow, red, etc., miniature snapdragon-flowers, unusually fine for beds, ground covers, or mixed bouquets, in winter and spring; sow October to May.

#### **Maroccana Hybrids (15 inches):**

Alba Pearl, pure white.  
 Diadem, large violet, white eye.  
 Golden Gem, deep yellow.  
 Ruby King, rich deep red. Pkts., 10c.  
 Hybrid Mixture. (Pkt., 10c; oz. \$1.00; ½-oz. 55c.)

#### **Dwarf, Compact type (8 inches):**

Fairy Bouquet, new, bushy type, with large flowers in pastel shades. Pkt., 10c.  
 Fairy Bridesmaid, (New), lemon yellow. Pkt., 15c.

### **LINARIA. Per. (See also Kenilworth Ivy.)**

Pale yellow, or soft pink, snapdragon-like flowers, larger than in annual type; sow July to February. Dalmatica Macedonica, yellow (3 feet). Canon Went, new pink for edging, with beautiful smooth grey foliage (2 feet). Pkts., 10c.

### **LINUM. Per.**

Sky-blue or yellow flowers, profusely produced in spring and summer; blooms in 4 months; 2½ feet; sow January to May. Germination period 3 to 4 weeks.

Flavum, showy clear yellow.

Perenne, light blue.

Narbonense, deep azure blue, more compact. Pkts., 10c.



**Lilium Formosanum is Easy and Quick  
 from Seed . . . Packet, 15c**



**LINUM grandiflorum rubrum (Scarlet Flax).**

Bright scarlet flowers, on slender graceful plant, in all seasons; particularly useful in winter; 1½ to 2½ feet; sow any month. Germination period 2 weeks. Pkt., 10c.

**LOBELIA cardinalis (Cardinal Flower). Per.**

Fiery scarlet flowers in erect spikes with bronzy-green foliage; 2 feet; sow Jan. to March. Pkt., 10c.

**LOBELIA erinus compacta.**

Blue bedding and edging plants; 4 inches; sow January to May. Germ. period 10 to 15 days.

Cambridge Blue, fine light blue. (Pkt., 15c.)

Crystal Palace, dark blue, bronzy foliage.

Emperor William, bright-blue, green foliage

White Lady. Pkts., 10c.



**Lobelia, Cambridge  
Blue, and (Left)  
Lychnis Chalcedonica**

**LUNARIA (Honesty) (Dollar Plant) (Money Plant).**

Round, flat, silvery transparent seed-pods, to dry for winter decoration; 2 feet; sow October to May. Germination period 2 to 3 weeks. Pkt., 10c.

**LUPINUS (Lupine).**

Blue, pink, and white pea-flowers in clusters, for beds and bouquets; native; sow December to April. Germination period 10 days.

**Dwarf varieties (1 foot):**

Nanus, California native, deep blue.

Subcarnosus (Texas Blue Bonnet), clear blue. Pkts., 10c.

**Tall varieties (3 feet):**

Hartwegi Giant King type, large flowers and spikes, in shades of blue, and white. Deep blue. Mixed. Pkts., 15c.

**LUPINUS Polyphyllus (Russell Lupins). Per.**

Blues, pinks, salmon, cream, red, lavender, purple, and combinations of these and other shades; with stately spikes and luxuriant foliage in partial shade; 3 feet; sow August to March for bloom first season, nicking seeds with sharp knife. Germination period 7 to 20 days. Pkts., 15c and 25c.

**LYCHNIS Chalcedonica. Per.**

Vivid scarlet flower-cluster, above low foliage; 2 feet; sow January to May. Germination period 3 to 4 weeks. Pkt., 10c.

**MARGUERITE, Annual. (See Chrysanthemum Nivelli.)****MARIGOLD (Tagetes).**

Orange, yellow, brown, striped, spotted; splendid for summer and fall bedding and cutting; sow January to July. Germination period 5 to 10 days.

**African (tall double fistulosa; 2½ feet):**

Orange Prince All-Double.

Lemon Queen All-Double.

Mixed (above 2 var.)

Guinea-Gold, loose-petalled orange.

Yellow Supreme, loose-petalled yellow. Pkts., 10c.

Gigantea, Sunset Giants (New), giant-flowered type. Orange Sunset, deep orange. Mixed. (Pkts., 15c.)

Burpee Gold, improved odorless-foliaged Marigold, bright orange similar to Guinea Gold. Pkt., 10c.

Red-and-Gold Hybrids. See Novelties, page 5.



**Monarch Marigolds****Marigold, Gigantea  
Orange Sunset**

**Chrysanthemum-flowered** (new type, with compact head of small incurved petals):

Early Sunshine (New). Bright lemon yellow. Orange; Apricot-Orange; Lemon Yellow; Hybrids Mixed. Pkts., 10c.

Silver Crown, (New). soft primrose-buff, with odorless foliage. Pkt., 25c.

Limelight (New). See Novelties, page 5.

**French** (tall sorts, 3 feet):

Ferdinand (New). See Novelties, page 5.

Josephine, single, red-brown, gold-edged.

Double Mixed, all colors.

**French** (dwarf sorts, 10 inches):

Legion of Honor, single yellow, marked brown.

Lemon Ball (Pallida), large double yellow.

Robert Biest, double deep maroon.

Harmony, deep orange with maroon collar of broad petals; very even habit.

Harmony-Type, New Varieties. See Novelties, page 5.

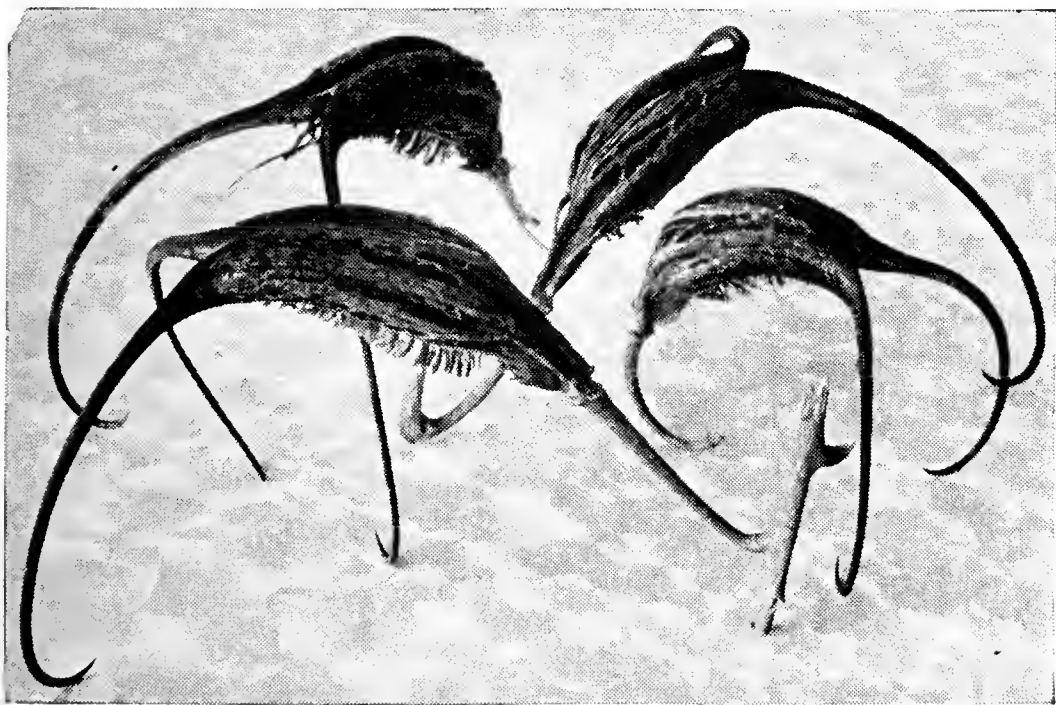
Spotlight (New), red, yellow center. (See Novelties, page 5.)

Yellow Pygmy (New), See Novelties, page 5.

Royal Scot All-double, golden yellow striped maroon, of very even habit.

Monarch Strain, large rich-colored mixture. Pkt., 10c.

**Tagetes signata pumila**, bright yellow, tiny single flowers in great profusion on compact bushes for edgings; 8 inches. Pkt., 10c.

**Birds? No, Just Seed-Pods of Martynia**

### **MARTYNIA proboscidea (Unicorn Plant).**

Buff-yellow and red-violet pentstemon-like flowers, and soft large leaves. Unusually interesting seed-pods, each with a long curved horn which splits into two parts as they ripen and harden. Attractively painted, resembling birds. Sow April to June in full sun. Pkt., 15c.

**MATRICARIA (Feverfew). Per.**

White or yellow, double flowers in clusters, for beds, borders, or cutting, all summer and fall; sow December to April. Germination period 10 to 15 days. Capensis, white, 2 feet. Eximia (1 foot): Snowball, pure white; Golden Ball, rich yellow. Pkt., 10c.

**MATTHIOLA bicornis (Evening-scented Stock).**

Mauve, small, single flowers, valued for their evening fragrance; 2 feet; sow January to July. Pkt., 10c.

**MESEMBRYANTHEMUM criniflorum (Annual Ice Plant).**

Pink, rose, lavender, white, cream, and yellow large daisy-flowers, on low plants for sunny rockeries and edgings in poor soil; 1 foot; sow February to April. Germination period 2 weeks. New Hybrid Mixture. Pkt., 15c.

**MIGNONETTE (Reseda odorata grandiflora).**

Deliciously fragrant small flowers in spikes; 1 foot; sow any month. Germination period 2 weeks. Goliath Red; Machet Mixture; Small Sweet. Pkt., 10c.

**MIMOSA pudica (Sensitive Plant).**

Pinkish-white flowers; named for the peculiarly-acting leaves, which close and droop for a time when touched; 1 foot; sow January to May. Germination period 10 to 15 days. Pkt., 10c.

**MIMULUS**

Moschatus (Musk Plant), small yellow flowers on scented bushy plant in shade or pots.

Tigrinus (Monkey Flower), white, yellow, orange, copper and red, showy spotted flowers for partial shade; 10 inches; sow March to June. Germination period 5 to 10 days. Queen's Prize Mixed. Pkts., 15c.

**MINA LOBATA (Flag of Spain). Vine.**

Red, changing to yellow, tubular flowers in clusters on rapid vine, with beautiful lobed leaves; sow February to May; soak seed 24 hours before planting. Germination period 2 weeks. Pkt., 10c.

**MONARDA Didyma (Bergamot). Per.**

Brilliant scarlet bracts; good for bees and massing; 2½ feet; sow January to May. Pkt., 10c.

**MOON VINE (Ipomoea noctiflora). Per. Vine.**

Pure white, large flowers open at night, on rapid climber; sow February to April, notching the seeds or soaking 24 hours. Germination period 40 to 60 days. White Moonflower (grandiflora alba), open at night and early morning. Pkt., 15c.



**Striking-Red-and-White  
Morning Glory, Cornell**

Scarlett O'Hara (New), deep rosy-crimson.  
Cornell (New), deep red, strikingly margined with white.

See also, Mile-a-Minute Vine, page 6.

Rose Marie, double deep rose flowers, produced early and freely. Pkt., 15c.

**MORNING GLORIES. Vines.**

Rapid, very showy annual vines; sow February to June, soaking seeds 24 hours. Germination period 10 to 21 days.

**Convolvulus species:** Major Blue; Major Mixed. Pkt., 10c.

**Ipomoea species:**

Heavenly Blue, Clarke's Early-flowering, sky-blue, 4-inch flowers, with yellow throat. For best bloom, never fertilize, and water very sparingly.

Imperialis, Japanese Imported Hybrids Mixed, very large, unusual colorings.

**MORNING GLORY, Bush.**  
(*Convolvulus tricolor*).

Bright blue flowers, with white centers and golden throats, on dwarf, bushy plants (not a vine); 1 foot; sow March to June. Soak seeds before planting. Pkt., 10c.

**Unusual Bush**  
**Morning Glory**  
Packet, 10c



**MOSS ROSE.** (See *Portulaca*.)

**MYOSOTIS (Forget-Me-Not).** *Bien. and Per.*

Blue dainty flowers, for moist, shady beds and borders; 1 foot; sow January to June. Germination period 2 weeks.

**Biennials:**

*Alpestris*, blue, spreading.

*Victoria*, bright blue, yellow-centered, for edging, 8 inches.

**Perennials:**

*Oblongata perfecta*, sky blue, winter-flowering.

*Oblongata perfecta*, Blue Bird, deep blue.

*Palustris semperflorens*, blooms from early spring until fall. Pkt., 15c.

**NASTURTIUM (*Tropaeolum*).**

Bright flowers, very easily grown; the dwarf sorts for edgings in sun or partial shade, the tall covering low fences, or trailing as a ground cover, and both furnishing bouquets; sow March to August. Germ. per. 10 to 14 days.

**Double-flowering** (spreading type):

*Fiesta (New)*. See Novelties, page 6.

*Golden Gleam*, large, fragrant golden yellow flowers in profusion.

*Mahogany Gleam*, rich dark red.

*Moon Gleam*, soft creamy yellow.

*Orange Gleam*.

*Salmon Gleam*, buff pink.

*Scarlet Gleam*, bright scarlet.

*Gleam Hybrids*, cream, yellow, orange, scarlet, crimson, yellow spotted red, etc., Mixed.

Packets of all above, 15c. and 25c.

**Double Dwarfs** (Gem Type; 10 inches):

*Golden Globe*, new double, rich yellow dwarf.

*Scarlet Emperor*, rich red, dark leaves.

*Gem Mixture*, vivid red, green leaves.

*Gem Mixture* (all colors). Pkts., 15c and 25c.

**Dwarf** (10 inches):

*Cloth of Gold*, fiery red, leaves gold; *Empress of India*, dark red, dark leaves; *Golden King*,

deep Indian yellow; *Pearl or Moonlight*, cream;

*Vesuvius*, salmon rose; *Dwarf Fine Mixed*.

**Tall, or Trailing:**

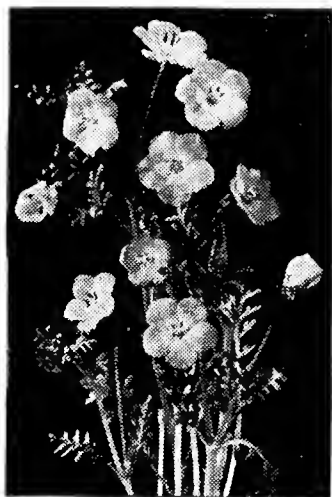
*Vesuvius*, salmon rose; *Calif. Giants Mixed*. Pkts., 10c and 15c.



**Dwarf Double Nasturtium Golden Globe**

**NEMESIA**

Orange, yellow, rose, scarlet flowers in clusters; for showy beds and borders in winter and spring; sow October to April. Germination period 20 days.



**Baby Blue Eyes**  
(*Nemophila*)

*Strumosa grandiflora* Suttoni: Large-flowered Blue, Orange, Rose, Scarlet, and Mixed, 1 foot. Pkts., 10c.

*Compacta Blue Gem*, splendid forget-me-not-like bedder, 7 in. Pkt., 10c.

**NEMOPHILA insignis (Baby Blue Eyes).**

Sky-blue or white cups; California native; for beds and bulb-cover in sun or partial shade; 6 inches; sow where to remain, October to May. Germination period 7 to 10 days. Blue. Giant White. Maculata, spotted violet. Pkts., 10c; oz., 35c. ½ oz., 20c.

**NEPETA Mussini. Per.**

Small blue flowers; grey foliage, ideal for rockeries and edgings; 1 foot; sow January to April. Germination period 18 days. Pkt., 15c.

**NICOTIANA Affinis (Sweet-scented Tobacco Plant).**

White, pink, lavender, and crimson, large, open flowers with long tubes, very fragrant at night; easily-grown, quick and continuous-flowering; 2 to 4 feet; sow where to remain, October to June. Germination period 10 days. Waxy White; Crimson King; Hybrida Mixed, all colors. Pkts., 10c. **Suaveolens**, new semi-dwarf with medium-sized sweetly-fragrant white flowers. Pkt., 25c.



Be Sure to Grow the "Dwarf Cup Flower"

**NIEREMBERGIA Hippomanica (Dwarf Cup Flower). Per.**

Lavender-blue open-cup flowers cover the compact, dwarf (5 inch) bushes all spring and summer. One of the best NEW flowers! Sow March to June for bloom first year. Pkt., 25c.

**NIGELLA Damascena (Love-in-a-Mist).**

Semi-double, soft blue flowers, nestling in fine, feathery foliage; 1½ feet; sow February to May. Germination period 2 weeks. Miss Jekyll. Pkt., 10c.

**NOLANA (Chilian Bell Flower).**

Blue-lavender bell-shaped flowers, on a sunny ground-cover plant; 6 inches; sow February to May. Pkt., 10c.

**OENOTHERA Lamarckiana (Evening Primrose). Bien.**

Yellow, large flowers, opening at dusk and fragrant in the evening; easily-grown background plant in sun or semi-shade; 4 feet; sow December to March. Germination period 30 days. Pkt., 10c.

**PAINTED DAISY. (See Chrysanthemum, Annual.)**

- Geneva Giants**, less expensive American-grown Swiss Giant strain. Pkt., 15c.  
**Maple Leaf Giants**, huge flowers in a light color-range. Pkt., 25c.  
**Engelmann's Giants**, equally as large-flowered as the Roggli, in a different color range. Pkt., 25c.  
**Steele's Mastodon Jumbo Mixture**, the largest-flowered American-grown strain. Pkt., 25c.  
**Campbell's Argyle Giants**, splendid bedding mixture, with fine colors and good-sized flowers. Oz., \$4.50. Pkt., 10c.

## PANSY

Reds, purples, blues, yellow, and white; unsurpassed for low beds in winter and spring; 8 inches; sow July to September for winter, and until December for spring. Germination period 10 to 15 days.

**Roggli's Swiss Giants** (original seed). The very largest flowers and longest stems. See page 4.

Alpenglow, rich deep red.

Hohenfuer, orange-red shades.

Lake of Thun, pure deep blue.

Rheingold, immense dark-centered yellow.

Gold Gelbe, largest pure yellow.

Berna, rich purple.

Jungfrau, best pure white.

Mixed, a splendid range of colors. Pkts., 25c.

## PASITHEA *coerulea*. Per.

Deep, luminous blue star-like flowers in mid-spring, in loose clusters on wiry stalks well above grass-like foliage, entirely dormant in summer; 3 feet; rare, fine for cutting; sow March to August. Pkt., 25c. (Dormant bulbous clumps available July to September, 25c each.)

## PASSION VINE (*Passiflora edulis*). Per. Vine.

Beautiful and interesting waxy blue-and-white flowers on attractive vine, evergreen in mild climates, apt to winter-kill in severe; fruits edible, and much prized for the strongly-flavored juice; sow March to July. Germination period 30 to 40 days. Pkt., 15c.

## PENTSTEMON. Per.

Pink, scarlet, crimson, purple and white, gloxinia-like flowers in spikes, unusually showy in beds and borders; sow December to April for blooms same season. Germination period 17 days.

**Dwarf varieties** (1 foot):

Heterophyllus "Blue Gem," rich blue.

**Tall varieties** (2-2½ feet):

Coboea, very large-flowered lavender.

Miniature Hybrids, for cutting or bedding, with flowers like Sensation, but one-half the size.

Sensation, pink shades.

Sensation, red shades.

Sensation, violet-purple shades.

Sensation Mixed. Pkts., 15c.

## PETUNIA *hybrida*.

Pink, rose, red, lavender, blue, purple, and white; unusually floriferous bedding plants, continuing in bloom from spring to winter; sow January to July. Germination period 10 days.

**Compact, Very Dwarf Sorts** (6 inches):

Brilliant Rose Gem, new rich deep rose.

Pink Gem, rose-pink.

Pink-and-White Gem (New).

White Gem (New). Pkts., 15c.

**Dwarf Sorts** (nana erecta, 15 inches):

Betsy Ross (New). See Novelties, page 6.

Martha Washington, new ruffled dwarf pink, veined purple-red (10 inches). Pkt., 25c.

Blue Bird, dark blue-purple.

Celestial Rose, deep rose.

Glow. (New), rich rose-red.

See page 6.

Heavenly Blue, light silvery-blue.

Hollywood Star (New), star-shaped rose-pink. Pkt., 15c.

Periwinkle, rich mid-blue.



**Rose Petunia,  
Hollywood Star**



Cream Star (New). See page 6.  
 Rose of Heaven, pure rose-pink.  
 Rosy Morn, pink, with white throat.  
 Snow Queen, best pure white.  
 Twinkles, brilliant rose, starred white.  
 Tyrian Rose, large, bright deep rose.  
 Salmon Supreme, new salmon-pink. Pkt., 15c.  
 Velvet Ball (New). Compact velvety-red. Pkt., 15c.  
 Violet-Blue (New). See page 6.  
 Mixed dwarf bedding sorts. Pkts., 10c.

**Large-flowering Sorts** (2 to 2½ feet):

General Dodds, blood-red.  
 Golden Rose, bright rose, yellow-centered.  
 Topaz Rose, new, intense deep rose; fine.  
 Violacea, Elks' purple.  
 Balcony Blue, large blue-purple.  
 Balcony Cornflower Blue, light blue.  
 Balcony Rose, rose-pink.  
 Balcony Mixed, trailing vine-habit. Pkts., 15c.

**Giant, Ruffled-flowering Sorts** (2 feet):

Burgundy, new, wine-red with white throat.  
 Copper Red.  
 Dainty Lady, new pale yellow with medium-sized, fringed flowers.  
 Elks' Pride, blue-purple.  
 Pink Glory, splendid pure rose-pink.  
 Pink Triumph, clear pink, frilled edge.  
 Steel Blue, veined deeper.  
 White Cloud, pure white, compact.  
 California Giants Mixed.  
 Giants of California, Supreme Strain, new mixture stressing the pink and rose shades. Pkts., 25c.

Extra Select Double Mixed. Pkts., 50c.

**Parviflora;** Petunia species used as a drought-resistant trailer and summer ground-cover; flowers pink but unimportant. Pkt., 10c.

## PHACELIA

Blue shades; native; sow November to April. Germination period 15 days.

Blue Plate (*viscida*; 1 foot), with large brilliant blue flowers for bedding.

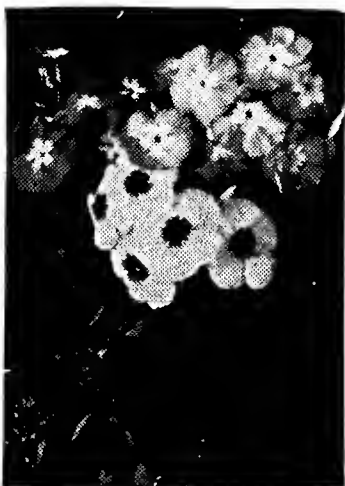
Campanularia (California Blue Bell; 6 inches), gentian-blue bell-flowers for edging, flowering quickly.

Tanacetifolia (Wild Heliotrope; 2 feet), mauve-blue cluster, good for bees.

Whitlavia (Wild Canterbury Bell; 1 foot), dark blue bells in sun, or partly-shaded beds. Pkts., 10c.

## PHLOX *decussata grandiflora*. Per.

Pinks, reds, lavenders, purple and white; showy late summer border plant; seeds slow to germinate, taking from 6 weeks to 6 months; 3 feet; sow October to March; Mixed. Pkt., 15c.



Gay Annual Phlox



Nicotiana . . . See page 44.

## PHLOX *Drummondii grandiflora*.

Pinks, reds, lavenders, salmon, yellow, and white; easily-grown, spring, summer and fall bedder; sow January to July. Germination period 10 to 15 days.

**One-foot varieties:**

Chamois Rose (salmon),  
 Dark Red.  
 Fiery Scarlet.

Flesh Pink.  
 Isabellina, creamy yellow.  
 Lavender Blue.  
 Purple.  
 Rose, pink eye.  
 Violet, white eye.  
 Grandiflora Alba, white.  
 All Colors Mixed.  
 Starred and Fringed Mixed. Pkts., 10c.  
 Gigantea Art Shades, mixture of extra-large flowers in lighter shades. Pkt., 15c.  
 Gigantea Salmon Glory (New). Extra-large light salmon-pink. Pkt., 15c.  
**Dwarf varieties** (nana compacta; 6 inches):  
 Fireball, scarlet.  
 Chamois Rose, salmon pink.  
 Mixed. Pkts., 15c.

### **PHYSALIS Franchetti (Chinese Lanterns). Bien.**

Orange-scarlet pods the second year, beautiful dried for winter decoration; 1½ feet; sow January to June. Germination period 3 weeks. Pkt., 10c.

### **PHYSOSTEGIA Virginica (Obedient Plant). Per.**

Lavender-pink, tube-shaped flowers like tiny snapdragons in showy spikes on bushy border plant in July and August; 4 feet; sow September to May. Germination period 25 days. Pkt., 10c.

### **PLATYCODON grandiflora (Bell Flower). Per.**

Blue, balloon-like buds, opening into large, deep blue bell-shaped flowers for partly shaded borders; 1½ feet; sow August to March. Germination period 12 to 15 days. Pkt., 15c.

### **FLATYSTEMON Californicus (Cream Cups).**

Native; creamy-white flowers like miniature double Shirley poppies; sow October to March in full sun, where to remain. Pkt., 15c.

### **POPPY**

Pink, rose, orange, and red shades; quick, showy, large-flowered bedders, which may be cut if the cut ends of the stems are singed; sow November to May. Germination period 10 to 14 days.

**Flanders** (True French Poppy), deep red.

**Shirley** (crinkled petals and hairy foliage; 1½ feet):

American Legion, large orange-scarlet.

Salmon Art Shades.

Single Mixed, many choice shades.

Wild-Rose Pink.

Double Camellia-flowered. Pkts., 10c.

**Tall Sorts** (smooth foliage; 3 feet):

Single Mixed.

Double Salmon Pink, huge pompons.

Double Carnation-flowered. Mixed. Pkts., 10c



**Tall Carnation-Flowered Poppy**

### **POPPY. Per.**

Sow August to March. Germination period 10 to 15 days.

**Glaucium** (3 feet), deep, glossy orange, smooth foliage, magnificent specimen plant. Pkt., 10c.

**Nudicaule (Iceland);** 1½ feet, with crinkly-petalled flowers on long stems above low leaf-clumps, fine for edgings and bouquets; bloom first year:

Sandford's Giants, oranges, yellows, and white—the best strain in size of flower and vigor.

Gartref Hybrids, giant flowers in beautiful shades, picotee-edged.

Coonara Pinks, lovely shades of pink and salmon.

Emperor, giant orange.

White, pure white.

Yellow Wonder, giant buttercup-yellow. Pkts., 15c.

**Oriental Hybrids** (2½ feet), strong foliage, stems, and huge flowers in salmon, rose, orange and red shades. Pkt., 15c.

**PORTULACA grandiflora (Moss Rose).**

Pink, rose, lavender, yellow, orange, and red shades; showy ground-cover and bedder standing hot, dry situations; 6 inches; sow February to May. Germination period 2 weeks. Single Rose, Red, Yellow, All Colors Mixed; Double Mixed. Pkt., 10c.

**PRIMULA (Primrose). Per.**

Showy flowers for pots and beds in shade.

**Polyanthus** (Perennial English-type; 6 inches: Yellow, orange, brown, red, purple flowers in large clusters; sow November to May. Germination period 60 days):

Giant Munstead Strain, mostly yellow shades. Kleynii, the finest large deep yellow.

Vulgaris (Common Primrose), yellow, fragrant. (15c.)

Giant-flowered Hybrids, all colors. Pkts., 25c.

**Chinese type:**

Salmon, rose, lavender, crimson, white; for pots and bedding; 10 inches; sow February to August. Germination period 15 days.

Chinensis Stellata (Star) Light Blue, Dark Blue, Coral Pink, White and Mixed.

Chinensis Fimbriata Mixed. Pkts., 25c.



**The Baby Primrose, *Primula Malacoides***

**Malacoides (Baby Primrose):**

Feathery clusters of small flowers for winter and spring beds and edging; 1 foot; sow May to October. Germination period 3 weeks.

Brilliancy, new rose-red.

Deep Lilac, large-flowered.

Darling, new compact deep lilac.

Eriksonii, new rosy lilac; large.

Light Lilac, the earliest-flowering.

Snow Queen, giant white.

True Rose, deep rose-pink. Pkts., 25c.

**New Strain; Pkts., 50c each:**

Colonial, huge deep lavender.

Elite, huge pure white.

Crowns of Rose, double true-rose.

**Obconica:**

Large flowers, from December to July; 10 inches; sow November to June. Germination

period 30 days.

Apple Blossom, light rose-pink.

Berlin Red (Fassbender Strain), huge deep red.

Coerulea, clear blue.

Lachsrosa, fine new salmon-rose.

Rhine Pearl, salmony-red.

Salmon Queen, pure salmon pink.

Wyaston Wonder, new, largest dark red.

White, large pure white.

Grandiflora Mixed. Pkts., 50c.

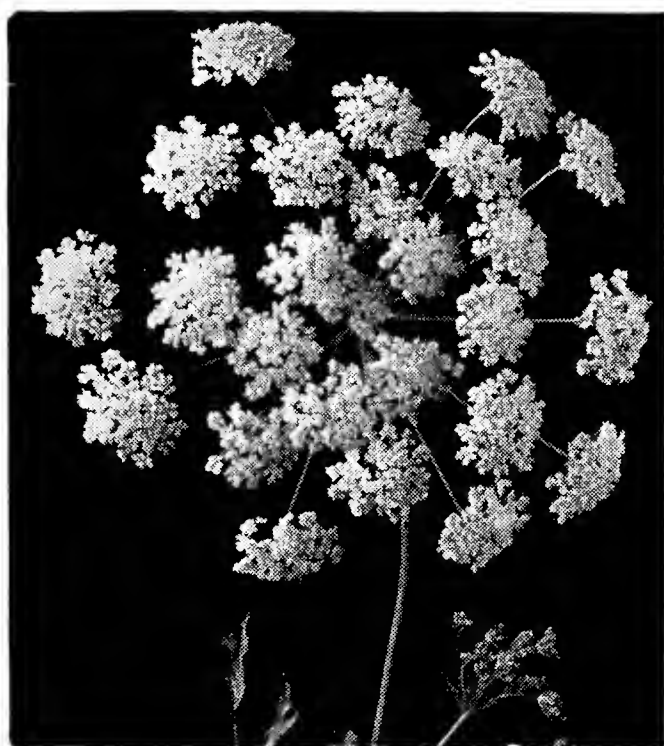
### **PUERARIA.** (See Kudzu Vine.)

### **PYRETHRUM parthenifolium aureum. Per.**

Yellow-foliaged edging plant, grown usually as an annual to border flower beds; 6 inches; sow October to May. Germination period 3 weeks. Pkt., 10c.

### **PYRETHRUM roseum hybridum. Per.**

Pink, rose, and red, large daisy flowers above feathery foliage, for beds and bouquets; 1 to 2 feet. Sow September to May. Germination period 3 weeks. Grandiflorum Single Mixed, pink, rose, and red shades; Double and Semi-Double Mixed. Pkts., 15c.



**Use Queen Anne's Lace Flower for Bouquets**

### **QUEEN ANNE'S LACE FLOWER.**

White, tiny flowers in umbels, the whole forming large lacy heads, attractive in the mixed bed, and useful as a cutflower filler; 2½ feet; sow February to May. Pkt., 10c.

### **RANUNCULUS. Per.**

Pink, red, salmon, orange, and yellow shades in wonderful variety; 1 foot; sow July to November for flowers first spring. Germination period 30 to 40 days. Gold, new all-yellow strain; Huntsman, red shades; Pink Shades; Giant French Mixed. Pkts., 15c.

### **REHMANNIA angulata. Per.**

Deep rose-pink flowers with spotted throats, resembling large Foxgloves, with beautiful foliage, the first season, in sun or partial shade; 2 to 4 feet; sow October to April.

Alba, lovely white; rare. Pkt., 25c.

Pink Perfection, bright rose. Pkt., 15c.

### **RHODANTHE maculata (Immortelle).**

Rose and white, pendulous, everlasting flowers; 1 foot; sow December to May. Germination period 18 days. Mixed. Pkt., 10c.

### **RICINUS. Per.** (See Castor Oil Bean.)

### **ROCKERY PERENNIALS Mixed. Per.**

A splendid special mixture of 25 hardy, low-growing perennials, unusually interesting to grow, and of course ideal for rock-gardens; 6 to 12 inches; sow October to May. Pkt., 10c.

**ROMNEYA Coulteri (Matilija Tree Poppy). Per.**

White flowers, 6 inches across, with many yellow stamens; shrubby, handsome plant, with silvery leaves; 5 feet; sow August to March, allowing 3 to 9 months for germination. Pkt., 15c.

**RUDBECKIA speciosa (Cone Flower). Per.**

Golden yellow, single daisies, with black cone-shaped centers, for borders or cutting, in sun or partial shade; 3 feet; sow August to May. Germination period 8 to 10 days. Pkt., 15c.

**RUSSELL LUPINS. (See Lupinus polyphyllus.)****SAINTPAULIA ionantha (African Violet). Per.**

Deep blue, golden anthers; free and long-flowering pot plant; 6 inches; sow under glass November to March. Allied to Gloxinia, not Violet. Pkt., 25c.

**SALPIGLOSSIS gloxiniaflora (Painted Glories).**

Rose, red, yellow, purple, and white large rich velvety flowers mostly veined with gold, for a striking bed or bouquet; 2½ feet; sow November to June. Germination period 2 weeks. All Colors Mixed. Pkt., 10c.

Semi-Dwarf Mixed, new, more floriferous, large-flowered strain. Pkt., 15c.

**SALVIA (Sage). Per.**

Blue flowers in spikes, for summer and fall beds; bloom first year; sow February to May. Germination period 2 weeks. Patens, pure indigo blue, 1½ feet. Farinacea, light blue, small, woolly flowers, 3 feet. Pkts., 15c.

**SALVIA (Scarlet Sage).**

Brilliant red flowers in summer and fall on bushy plants ideal for bedding; sow February to May. Germination period 2 weeks.

Splendens Bonfire; 2 feet. Pkt., 10c.

Blaze of Fire; the best compact, vivid scarlet; 1 foot. Pkt., 15c.

**SANVITALIA procumbens.**

Orange-yellow, zinnia-like flowers on trailing plant for hot, dry situations; 6 inches; sow January to May. Germination period 10 days. Pkt., 10c.

**SAPONARIA vaccaria rosea.**

Rose flowers in graceful sprays, like a large-flowered Gypsophila; 2 feet; sow February to April. Germination period 10 days. Pkt., 10c.



**Perennial Scabiosa  
Isaac House Hybrids**

**SCABIOSA Scabious). Per.**

Large, splendid, long-stemmed cut-flowers; sow September to March. Germination period 3 weeks.

Caucasica (2 feet):

Isaac House Hybrids, shades of blue, lavender, and white. Pkt., 25c.

Columbaria (18 inches):

Mauve-lavender; and Mauve-pink. Pkts., 15c.

**SCARLET RUNNER BEAN. Vine.**

Bright red pea-flowers on rapid vine with large edible pods; sow February to May. Pkt., 10c.

**SCABIOSA (Pincushion Flower).**

Blue, pink, white, yellow, scarlet, and crimson, large double flowers on long stems for beds and bouquets; 2½ feet; sow December to May. Germination period 2 to 3 weeks.

Ageratum Blue, best mid-blue.

Azure Fairy, sky blue.

Blue Moon (New), mid-blue, ball-shaped flowers on extra-long stems above low foliage. Pkt., 15c.

Heavenly Blue, (New), dwarf. See Novelties, page 7.



King of the Blacks, maroon red.  
 Loveliness, salmon pink.  
 Rosette, deep rose pink.  
 Salmon Beauty, new, light salmon shades. (15c.)  
 Shasta Improved, giant pure white.  
 Giant Hybrids Mixed, large flowers, rare colors.  
 Pkts., 10c.

### **SCHIZANTHUS (Poor Man's Orchid).**

Chamois, rose, lavender, and purple shades, beautifully-marked and unusually formed flowers and fern-like foliage for pots, or partly-shaded beds; 1½ feet; sow January to May. Germination period 2 to 4 weeks.

Pansy-flowered, large, full, richly-colored blooms. New.

Grandiflorus Hybrids, Dr. Badger's Improved, the finest strain of all for pots.

Sunset Hybrids, rich rose and carmine shades, for pot-growing or beds. All above. Pkts., 25c.

Wisetonensis Mixed, for bedding. Pkt., 10c.

### **SEDUM (Stonecrop). Per.**

Succulent plants for pots, rockeries, and edgings; very easily grown; sow any month. Many Species Mixed. Pkt., 15c.

### **SHASTA DAISY (Chrysanthemum leucanthemum). Per.**

Large white border and cutting flower; sow March to September. Germination period 10 to 14 days.

Alaska (largest-flowered; 2½ feet).

Elder Daisy (more flowers, somewhat smaller; 2 feet). Pkts., 10c.

**Double and Crested Mixed**, new beautiful strain, with large ball-shaped double flowers or single, anemone-centered blooms. Pkt., 25c.

### **SIDALCEA. Per.**

Rose, mauve, and purple, hollyhock-like flowers in slender spikes for sunny borders and cutting; 3 to 4 feet; sow September to May. Rose Queen, rose-pink. Hybrids Mixed. Pkts., 15c.

### **SENECIO elegans (Jacobaea) (Indian Blanket).**

Lavender, purple, red, and white, very double, medium-sized daisy flowers; an unusual bedding plant; 1½ feet; sow October to May. Mixed. Pkt., 15c.

### **SMILAX. Per. Vine.**

Shade-loving vine with light green foliage, useful for decorating; sow January to May. Germination period 1 month. Pkt., 15c.

### **SNAIL-VINE (Phaseolus caracalla). Per. Vine.**

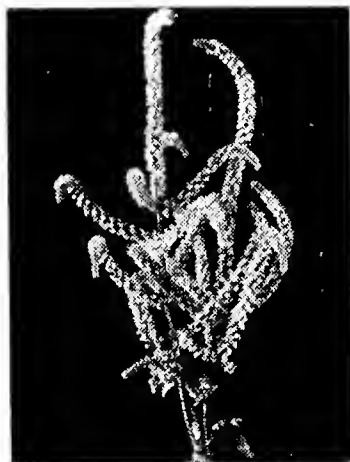
Waxy, lavender, fragrant, curiously-twisted pea flowers in clusters; sow Jan. to April. Pkt., 15c.

### **SNAPDRAGON. (See Antirrhinum.)**

### **SOLANUM (Jerusalem Cherry) (Christmas Pepper).**

**Capsicastrum Clevelandi** (Jerusalem Cherry): Large, bright red round berries on winter pot plant; 1 foot; sow May to August.

**Pepper, Floral Gem:** Small, pointed peppers, varying in color from creamy-white, lavender, yellow, and orange, to red, edible (very hot!) but grown chiefly as a Christmas pot plant. Pkts., 15c.



**"Russian Rat Tail" Statice**

### **STATICE**

Pink, blue, and yellow, small everlasting flowers in clusters; 3 feet; sow January to May. Germination period 2 to 3 weeks. Bonduelli, yellow; Sinuata Rose, True Blue, Mixed; Suworowii (Russian Rat Tail; 1 foot), rose. Pkts., 10c.

### **STATICE (Sea-Lavender). Per.**

Straw-like flowers; basal leaves; 2 feet; sow October to April; Caspia, sprays of tiny lilac flowers, to mix in bouquets; Perezi, rich deep blue flower clusters, effective in borders. Pkts., 15c.

**STEVIA serrata. Per.**

White, fragrant, small flowers in large heads for beds and mixed bouquets; may be grown as an annual; 2 feet; sow January to May. Pkt., 10c.

**STOCK**

Splendid fragrant bedding and cutting plant; sow July to March. Germination period 5 to 10 days. The smaller seedlings are more apt to be double; in transplanting, do not discard them. Be sure soil is well-drained and do not overwater.

**Dwarf Ten-Week** (15 inches), best summer-flowering type:

All Colors Mixed. Pkt., 10c.

**Giant Imperial, or Bismarck** (2 ½ feet):

Antique Copper, bronzy-red.

Buttercup, deep cream.

Carmine Rose, rosy-red.

Chamois Rose, creamy rose.

Cream Pink, ivory tinted pink.

Crimson, bright red.

Dark Blue, purple.

Elks' Pride, royal purple.

Fiery Blood Red, rich crimson

Flesh Pink.

\*Golden Gate, large deep cream.

Golden Rose, yellow-centered.

\*Tahoe, large clear lavender.

\*Yosemite, large rose-pink.

Lilac, deep lavender.

Old Rose.

\*Santa Maria, giant white.

All above colors

Mixed. Pkts., 15c.

\*These varieties are in the California Giants group, an Improved Giant Imperial strain.

**Mammoth Beauty of Nice** (2 feet):

Aurora, cream-tinted pink.

Beauty of Nice, flesh-pink.

Belle of Naples, old rose.

Rose Pink, a true rich pink.

All Colors Mixed. Pkts., 10c.

**Perpetual Branching** or Perfection (2 feet):

Empress Augusta Victoria, silvery-lilac.

Heatham Beauty, golden rose. Pkts., 10c.

**Brompton** (Emperor or Winter; 1½ feet; flower March to May):

Celestine, light lavender.

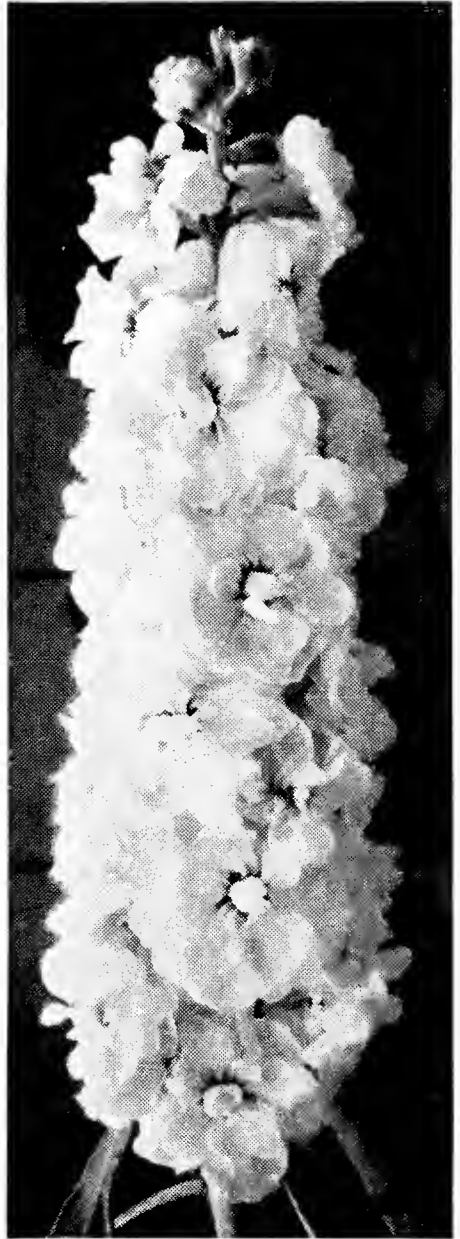
Egyptian, large rose-pink (grows to 2½ feet).

Empress Elizabeth, bright deep pink.

Red Lady, bright red.

Violetta, deep violet-purple.

White Lady, pure white. Pkts., 25c.



**Giant Imperial Stock, for Beds and Cutting**

**STOKESIA cyanea (Cornflower Aster). Per.**

Rich lavender-blue, large, cornflower-like aster flowers, on stiff stems, for border and bouquets; 1 foot; sow December to April. Germination period 4 weeks. Pkt., 10c.

**STRELITZIA reginae (Bird of Paradise). Per.**

Orange-and-blue, large, striking, bird-like flowers, blooms in 5 years from seed, and then much of the year; 3 to 4 feet; best sown November to April, in sandy soil. Fresh seeds, 20c each.

**STREPTOCARPUS. Per.**

Shades of blue, lavender, rose, and white trumpet-shaped flowers on handsome pot plants in seven months from seed; sow under glass from November to March. Large-flowered Hybrids Mixed. Pkt., 35c.

**SUNFLOWER. (See Helianthus.)****SWEET PEAS (Lathyrus odoratus).**

Early Flowering Spencer is the best strain for California, blooming from December to June if planted in August or September; flowers are very large, wavy, 3 to 4 on long stems; sow August to March. Germination period 10 days. Ask for special Sweet Pea Circular, printed each July, listing new varieties and giving cultural suggestions.

**Outstanding New Varieties. (Pkts., 15c.)**

Cavalcade, rich coral pink.  
Hiawatha, rich deep rose; huge.  
Sterling, rose, tinted salmon.  
World's Fair, deep cream and pink.

**Leading Popular Varieties**

(Pkts., 10c; Oz., 50c):  
Rose-pink, Shirley Temple.  
Light silvery-pink,  
Bridesmaid.  
Deep rose-pink, Annie Laurie.  
Pure pink, Star.  
Salmon-pink, Chime.  
Coral or flame-pink, Boon.  
Lavender, Fragrance.  
Deep lilac, Triumph.  
Blue-Purple, Top Hat.  
Red-Purple, Bacchus.  
Light blue, Eleanor Blue.  
Clear deep blue, Blue Danube.  
Orange, Treasure Island.  
Scarlet-red, Vulcan.  
Dark red, Mars.  
Maroon, Othello.  
Cream, Oriental.  
White, Hope.

**Campbell's Special Mixture** of Named Early Spencers contains all the above varieties. Oz., 45c; ½ oz., 25c; Pkt., 15c.

**Late Spencer Mixed** (bloom by May). Pkts., 10c; Oz., 35c; ½ oz., 20c.

**Cupid Spencer** (dwarf variety for bedding; 1 foot; in bloom from May). Pkt., 15c.

See also page 7.



**"Fours" the Rule  
with Campbell's  
Sweet Peas**

**SWEET SULTAN. (See Centaurea imperialis.)****SWEET WILLIAM (Dianthus barbatus). Bien.**

Pink, red, and white flowers, like small pinks, in large clusters for beds and bouquets; 1½ to 2 feet; sow October to March. Germination period 7 days. Pink Beauty; Scarlet Beauty; White; Single Mixed; Double Mixed. Pkt., 15c.

**SWEET WIVELSFIELD (Dianthus barbaratus x Chinensis).**

A cross between Sweet William and the annual Chinese Pinks; beautifully-marked flowers in clusters; very early and free-flowering; 1 foot; sow anytime. Germination period 1 week. Pkt., 15c.

**TAHOKA DAISY**

Large lavender, yellow-eyed daisies on long stems for cutting and show; feathery foliage; 1½ feet; sow Feb. to May. Pkt., 15c.



**Sweet Wivelsfield**

**TEXAS BLUE BONNET. (See Lupinus subcarnosus.)**

**THALICTRUM dipterocarpum (Meadow Rue). Per.**

Rosy-purple, yellow-anthered flowers in plumes, with maiden-hair-fern foliage, in August and September; 4 feet; sow October to May. Germination period 30 days. Pkt., 15c.

**THUNBERGIA alata (Black-eyed Susan).**

Orange, yellow, white, large flowers with black centers on vigorous trailer; sow February to June. Germination period 2 weeks. Mixed. Pkt., 10c.

**THUNBERGIA Gibsoni. Per. Vine.**

Rich orange, large and showy flowers on tender climber or trailer, for greenhouse or sheltered position outdoors; sow, inside, anytime; outside, April to July. Germ. period 2 weeks. Pkt., 25c.

**TIDY TIPS. (See Layia elegans.)****Showy Tigridia****"Black-Eyed Susan"**  
(*Thunbergia alata*)**TIGRIDIA hybrida (Mexican Flame Flower). Per.**

Red, yellow, orange, and rose-pink flowers resembling open tulips, extremely large and showy for the garden (flowers last but a day, but bloom freely); pleated grass-like foliage; form bulbs; 15 inches; sow March to June for bloom second summer. Hybrids Mixed. Pkt., 25c.

**TITHONIA speciosa (Mexican Sunflower).**

Orange-scarlet, glistening flowers, like large single Zinnias, on rapid-growing, shrub-like annual for backgrounds and cutting; 6 to 8 feet; sow March to June. Germination period 25 days.

Bright Orange.

Fireball, new vivid orange-scarlet. Pkts., 15c.

**TORENIA Fournieri.**

Rich blue, snapdragon-like flowers, with golden lips, for pots or beds; 9 inches; sow April to July. Germination period 2 weeks. Pkt., 15c.

**TRACHELIUM coeruleum. Per.**

Tiny flowers in large, feathery heads, long-stemmed and excellent for cutting as well as garden-show; 1½ feet; sow Feb. to May. Pkt., 15c.

**"Red Hot" Tritoma****Tithonia Fireball****TRITOMA (Red Hot Poker; Kniphofia). Per.**

Red, orange and yellow flowers, in large spear-shaped heads; foliage grass-like; 3 feet; sow March to June; early sowings often bloom first

season. Germination period 3 weeks. Hybrids Mixed; Pfitzer's Hybrid Red, large and brilliant. Pkts., 15c.

### **URSINIA pulchra. (African Daisy).**

Vivid orange daisies, feathery foliage; a gem for low beds and edging; 6 inches; sow October to May. Pkt., 15c.

### **VALERIANA (Garden Heliotrope; Centranthus). Per.**

Rose, red, white, fragrant small flowers in heads, very freely produced; 2½ feet; sow December to April. Rose-red, White, and Mixed. Pkts., 10c.

### **VENIDIUM fastuosum.**

Glossy orange daisies with purple-black zone, 4 to 5 inches across, striking in the garden or cut; 2 to 3 feet; sow March to May. Germination period 12 to 25 days. Vivid Orange; New Hybrids, in a mixture of shades from orange through yellows to cream and white, more drought-resistant than the Vivid Orange. Pkt., 15c.



**Venidium.** Pkt., 15c

### **VERBASCUM (Mullein). Per.**

White flowers in erect spikes in summer; 2 feet; sow January to May. Miss Willmott, large pure white. Pkt., 15c.

### **VERBENA hybrida. Per.**

Pink, rose, red, lavender, blue, purple, white flowers in clusters, brilliant for bedding, and trailing ground-cover; 1 foot; sow December to August. Germination period 10 to 15 days.

**Gigantea** (each floret in cluster usually as large as a quarter):

Beauty of Oxford, bright rose-pink.

Blue, deep blue, white eye.

Floradale Beauty, new, salmon-rose.

Lavender Glory, large but variable.

Purple, white eye.

Salmon Pink, shades of salmon.

Spectrum Red, new, intense red.

White, pure white.

Mixed, including other colors. Pkts., 15c.

#### **Erect, Cutting Varieties:**

Blue Sentinel (New), velvety blue-violet.

Royal Bouquet Mixed. Pkts., 15c.

#### **Trailing Varieties:**

Erinoides, small, lavender-blue heads, fern-like foliage; Erinoides white.

Venosa, thrifty grower, purple heads; Venosa

Lilacina, new lavender-blue. Pkts., 10c.

### **VERONICA spicata. Per.**

Rich deep blue, tiny tubular flowers in long, pointed spikes for borders; 1½ feet; sow March to Aug. Pkt., 15c.



**Vinca Rosea**  
or "Periwinkle"

### **VINCA rosea (Periwinkle). Per.**

Pink and white, phlox-like, large flowers in sun or semi-shade; foliage dark, glossy green; 1 foot; sown February to April, will bloom same year. Germination period 2 weeks. Rose; White; Mixed. Pkts., 10c.

### **VIOLET (Viola odorata). Per.**

Deep blue, fragrant flowers on long stems by the second year; 6 inches; sow July to March. The Czar, large dark blue. Pkt., 15c.



**VIOLA cornuta (Tufted Pansy).**

Flowers, although smaller than pansies, are produced even more freely, and make these ideal bedding and border plants for winter and spring; 6 inches; sow July to March. Germination period 10 to 14 days.

Arkwright Ruby, new rich red.

Blue Perfection, large clear blue.

Blue Butterfly, new, dark blue, upper petals pale blue.

Chantreyland, improved Apricot.

Firmament, light sky blue.

Jersey Gem, rich deep blue. (Pkt. 25c.)

Lutea splendens grandiflora, bright yellow.

Papilio, blue, upper petals white.

Primrose Dame, soft light yellow.

Spring Messenger, purple.

Violet Papilio, violet-blue.

White Perfection.

Mixed. Pkts., 15c.

**Johnny-Jump-Up**, little purple-and-gold pansy-faces, for rockeries and edgings. Pkt., 15c.



**Virginian Stocks, One of the Most Useful of All Flowers**

**VIRGINIAN STOCK (Malcolmia).**

Rose, red, yellow, white, small single flowers cover these low, splendid winter and spring edging, bulb-bed, and ground-cover plants; 6 inches; sow October to May. Germination period 12 days. Rose (turns lavender); Crimson Gem; White; Mixed. Oz., 30c; ½ oz., 20c; Pkt., 10c.

**VISCARIA oculata.**

Blue, pink, and white, large flax-like flowers, very effective in beds and bouquets; 1 foot; sow October to April; Delphinium Blue, Fire King, deep red; Rose-Pink; Pure White; Mixed. Pkts., 10c.

**WALLFLOWER**

Rich reds, browns, yellows; fragrant, stock-like flowers, for bedding and cutting; 1 to 2 feet; sow September to March. Germination period 10 to 14 days. Single Annual Blood Red, Paris Brown, Yellow, Mixed. Pkts., 10c.

Double Mixed. (Early Wonder). Pkt., 15c.

**WILD CUCUMBER (Echinocystis lobata). Vine.**

Quick shade vine or ground-cover trailer, with attractive, light green foliage, and curious prickly fruits; sow March to June. Germination period 10 to 20 days. Pkt., 10c.

**WILD FLOWER MIXTURES**

Contain a great variety of native California flowers, will grow almost anywhere, cover vacant lots and bare corners, and furnish cut-flowers. Best sown in Fall and early Winter, although they

may be planted until May. Special mixture includes over 20 different varieties, but no California Poppy, which may be added if desired. Pound, \$5.00; Oz., 50c; ½ oz., 30c; Pkt., 10c.

#### **Wild Flower Separate Varieties:**

Many of these are offered and described under their respective variety-names in the body of this catalog. See Abronia, Bartonia, Clarkia, Collinsia, Eschscholtzia, Gilia, Godetia, Layia, Leptosyne, Limnanthes, Lupinus, Nemophila, Phacelia, Platystemon.

### **XERANTHEMUM**

Pink, lilac, white, silky everlasting flowers, stiff-stemmed; 2 feet; sow February to May. Germination period 10 to 14 days. Double Mixed. Pkt., 10c.

### **ZINNIA**

Our summer specialty. Pinks, reds, yellows, and purples, in vivid shades, unexcelled for summer bedding and cut-flowers. Sow March to July. Germination period 5 to 10 days.

**Cultural Note:** We strongly recommend sowing Zinnia seed where the plants are to bloom if this is at all possible; otherwise transplant when the seedlings are small. When watering, rather than use the sprinkler, irrigate by the trench method and let the water run slowly for several hours until it has soaked down thoroughly into the ground through and beyond the roots. You will then have maximum results, yet need to water the plants only once every two weeks if the top soil is properly cultivated a day or so after each irrigation.



**New Zinnia Navajo**



**Campbell's True  
Dahlia-Flwd. Zinnia**

**Dahlia-flowered** (huge, loose-petalled, cup-centered flowers; 2½ to 3 feet):

Canary Bird, bright yellow.  
Crimson Monarch, huge rich red.  
Dream, deep rosy lavender.  
Eldorado, salmon-apricot.  
Exquisite, light rose with deeper center.  
Illumination, deep rose.  
Golden State, orange-yellow.  
Luminosa, vivid deep pink.  
Meteor, the deepest red.  
Oriole, orange and gold bicolor.  
Polar Bear, largest white Zinnia.  
Purple Prince, deep purple.  
Will Rogers (New), improved scarlet.  
Gold Medal Mixed. Pkts., 10c and 15c.

**California Giants** (Giant Mammoth; huge, close-petalled, flat-topped blooms; longer-stemmed than the Dahlia-flowered type; 3 to 3½ feet):

Apricot Queen, beautiful salmon-orange.  
Daffodil Improved, canary yellow.  
Enchantress, light rose with deeper center.  
Golden Queen, deep yellow.  
Grenadier, deep rosy-red.  
Miss Willmott, soft pink.  
Orange King, rich deep orange.  
Purity, purest white, medium-large.  
Rose Queen, deep rose.  
All Colors Mixed. Pkts., 10c and 15c.

**"Cut and Come"** (medium-sized flowers, freely produced, the best of all types for cutting,

with the truest Zinnia colors; 2 feet):

Canary Yellow; Carmine Red; Salmon Rose; Scarlet; Spun Gold, new cream-yellow; All colors Mixed. Pkts., 10c.

**Pompon** (Lilliput; small, very double flowers, fine for edgings and bouquets; 1 to 1½ feet):

Canary Yellow; Crimson Gem; Golden Gem; Lavender Gem; Salmon Rose; Red Riding Hood, scarlet; White; Mixed. Pkts., 10c.

New Pastel Mixture, soft shades. Pkt., 15c.

**Harmony Type** (formerly called Scabious-flwd.; crested or mounded center of small petals, surrounded with a row of broad petals):

Sunburst, bright yellow. Pkt., 15c.

Mixed (all Zinnia colors). Pkt., 10c.

Campfire (New), vivid scarlet. See page 8.

**Tom Thumb Lilliput** (extra dwarf; 5 inches; very compact, for edgings and pots). All Colors Mixed. Pkt., 15c.

**Navajo (Gaillardia-flowered)**, new, two-toned, medium-sized flowers. Mixed. Pkt., 15c.

**Fantasy** (new, informal Chrysanthemum-flowered type with slender, daintily twisted petals):

Orange Lady, orange.

Rosalie, old rose.

White Light, pure white.

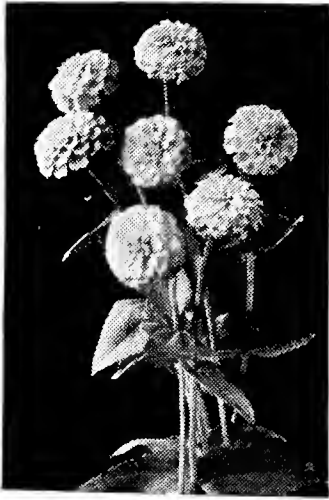
Wildfire (New), bright scarlet. See page 7.

Mixed (all Zinnia colors). Pkts., 10c.

**Crown o' Gold**, a new and pleasing Giant Dahlia-flwd. Zinnia, with golden yellow overlaid on the base of the petals.

- **Super Crown o' Gold** Pastel Mixture (New); the aristocrat of Zinnias. Pkt., 15c.

**Cupid**, new, with small, button-like flowers useful for cutting, on 1-foot plants. Mixed. Pkt., 15c.



**Dainty, Perfect Cupid Zinnias**

**Pumila Picotee Delight**, salmon-pink, slightly quilled petals, edged red-brown. Lovely. Pkt., 15c.

## **ZINNIA Haageana (Mexican Zinnia).**

Many unusual and attractive combinations of red, bronze, and orange, with yellow, cream, and white, as well as plain colors, make this dwarf Zinnia beautiful for beds; the stems are long enough for cutting; 1 to 2 feet; sow March to July. Germination period 5 to 10 days. Mixed. Pkt., 10c.

## **ZINNIA linearis.**

New species, with single glistening orange flowers on slender stems all summer and fall on compact 8-inch plants, ideal for showy summer bedding. Try it. Pkt., 10c.

## **ZINNIA, Trailing. (See Sanvitalia.)**

## **PERFECT PERMANENT LABELS**

Perfect Garden Labels are made of heavy green celluloid composition — lead pencil marks are permanent and weatherproof in all soils and seasons.

### **Border Label**

(Length 5"; width 2")

12 for \$1.00; 25 for \$2.00.

### **Rock Garden Label**

(Length 4"x1¾");

12 for 90c; 25 for \$1.75.

### **Show Garden Label**

(Length 7"x2½");

12 for \$1.25; 25 for \$2.50.

### **Tie-on Label**

(Length 3½"; width ¾");

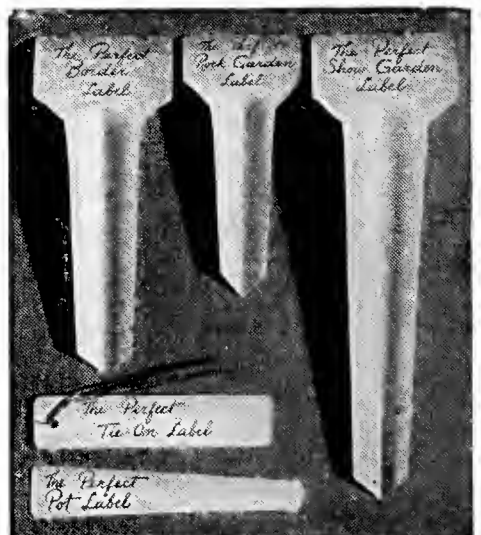
12 for 40c; 100 for \$3.00.

### **Pot Label**

(Length 4"; width to ¾");

12 for 35c; 100 for \$2.50).

Labels sent postpaid



## VEGETABLES

Campbell's Vegetable Seeds are the best varieties for home-gardens. They are grown from pure-bred stocks by specialist growers who are constantly bettering their strains through selection.

As with flower seeds, we carry all vegetables in bulk, and put up our own packets.

**ARTICHOKES, Green Globe**—Sow September to April; 1 inch deep; save seedlings with least spiny leaves; set 4 feet apart; bear in 2 or 3 years. Oz., 60c; Pkt., 10c. **Plants:** December to March, 25c each.

**ASPARAGUS, Mary Washington**—Sow March to May; transplant following February; use second year. Oz., 20c; Pkt., 10c. **Roots:** January to April, 35c dozen.

**BEANS—Bush:** Golden Wax, vigorous stringless, fine quality.

Stringless Green Pod, early, productive.

**Pole:** Rust-Resistant Kentucky Wonder, stringless.

Broad Windsor (Horse), very hardy.

K. W., White-seeded, 10 days earlier.

K. W., Wax, extremely prolific, fine.

Yard-Long Bean, curious, rust-proof, and tasty.

Lb., 30c; Pkt., 10c.

**BEANS, Lima—Bush:** Fordhook, highest quality; large, plump.

Baby Potato (New), AAS winner, an improved Baby Lima. (25c.)

Henderson's Bush (Baby Lima).

**Pole:** Fordhook Pole, high quality and prolific.

Lb., 40c. Pkt., 15c.

**BEETS, Table**—Sow January to September; Detroit Dark Red, best quality home beet.

Early Blood, good early. Oz., 15c. Pkt., 5c.

**Stock:** Sow January to May; Sugar Beet (Klein Wanzleben), sweetest.

Mammoth Long Red Mangel, largest. Lb., 60c.

**BRUSSELS SPROUTS**—Sow August to February; cook like asparagus, before buds open. Pkt., 10c.

**BROCCOLI, Italian Green Sprouting**—Sow August to January. Oz., 30c. Pkt., 10c.

**CABBAGE**—Sow July to March; Copenhagen Market (Cannonball), very early, round, solid, sweet.

Glory of Enkhuizen, second early.

Danish Ball Head, best late.

Round Red Dutch. Pkt., 10c.

**CARROT**—Sow January to October; Danver's Half-long, good flavor, productive.

French Forcing, small, early.

Nantes, Cylindrical, "stump-rooted." Oz., 20c. Pkt., 5c.

**CAULIFLOWER**—Sow August to December; give plenty of water, and tie up leaves loosely to keep head white; Early Snowball, extra early. Pkt., 10c.

**CELERY**—Sow February to July; easily grown in moist, rich soil.

Utah, early green-type, rich and nut-flavored.

Golden Detroit, self-blanching.

**Celeriac**, celery-flavored root. Pkt., 10c.

**CHICORY, Witloof (French Endive)**—Sow Oct. to May; popular for winter salads. Oz., 25c. Pkt., 10c.

**CHIVES (Grass-Onion)**—Sow August to April; leaves for flavoring, milder than onion. Oz., \$1.75. Pkt., 10c. **Plants:** Set any time. 5c clump.

**COLLARDS, Georgia**—Sow August to March; very hardy, kale-like "greens" plants. Oz., 15c. Pkt., 5c.

**CRESS Curled (Pepper Grass)**—Sow any time; frilled, pungent leaves for salads. Oz., 15c. Pkt., 5c.

**CRESS (True Water-Cress)**—Sow any time; plants heavy-foliaged, slightly pungent, for shady pools or very moist soil. Oz., 45c. Pkt., 10c.

**CORN**—Sow March to August; best planted in several rows, for pollenization.

Black Mexican, rich, sweet, white when eaten.

Gold Cross Bantam, improved.

Golden Bantam Improved, large ears.

Country Gentleman, long, narrow cob.

Oregon Evergreen, fine sweet market sort.

Field Corns; Golden Dent, and Hickory King.

Pop Corn: Golden Hulless. Lb., 30c. Pkt., 10c.

**CUCUMBER**—Sow March to July; ready in 12 weeks; Chicago Pickling, fine.

Japanese Climbing, fine quality, space saver.

Lemon, very good.

Stays-Green (Black Diamond or Long Green Improved).

Small Gherkin, for pickling. Oz., 20c. Pkt., 5c.

Rollinson's Telegraph, for greenhouse forcing. Pkt., 15c.

- DANDELION, Improved Thick-Leaved**—Sow January to April; cabbaging sort, much superior to uncultivated. Oz., 75c. Pkt., 10c.
- EGGPLANT, Black Beauty**—Sow in hotbed January to April. Oz., 65c. Pkt., 10c.
- ENDIVE** (See also Chicory)—Sow August to March; treat, and use, like lettuce; Broadleaved Batavian (Escarolle).  
Green Curled. Oz., 15c. Pkt., 5c.
- FENNEL, Sweet Florence**—Sow August to February; treat like celery; root, stalks, and leaves are edible; seeds for flavoring Oz., 20c. Pkt., 5c.
- HERBS**—For flavor, fragrance, and garden-ornament; sow February to July.  
Anise; with fragrant, tasty seeds.  
Basil; for flavoring from seeds and leaves.  
Borage; for leaves in drinks and salads.  
Burnet; leaves cucumber-flavored, for salads.  
Caraway; for seeds on cakes and candies.  
Catnip; or Catmint; leaves for seasoning.  
Chamomile; dried flowers used medicinally.  
Chervil; for flavoring soups, etc.  
Chives; listed elsewhere.  
Coriander; seeds used for flavoring.  
Dill; seeds used as condiment and in pickles.  
Fennel, listed elsewhere.  
Lavender; flowers fragrant, fresh or dried.  
Marjoram; leaves and shoots for flavoring.  
Pennyroyal; leaves season puddings, etc.  
Peppermint; leaves and stems for flavoring.  
Rosemary; leaves used for seasoning.  
Rue; leaves for medicine (good for fowls).  
Saffron; used for coloring and flavoring.  
Sage; leaves for seasoning and stuffing.  
Summer Savory; for seasoning and flavoring.  
Thyme; for seasoning, and medicinal use.  
Wormwood; beneficial for poultry.  
Pkt., 10c. **Plants** of many available, 20c each.
- KALE (Borecole)**—Sow August to April; Dwarf Green Curled for greens and garnishing.  
Jersey (Thousand-headed), smooth leaves, prolific, for poultry.  
Tall Scotch Curled, for greens. Oz., 15c. Pkt., 5c.
- KOHL RABI, Early Purple Vienna**—Sow August to February; cabbage-flavored but used like turnip. Oz., 25c. Pkt., 5c.
- LEEK, American Flag**—Sow August to December; used like green onions, but far larger and milder. Oz., 35c. Pkt., 10c.
- LETTUCE—Heading Varieties:** Early White Cos (Romaine; Celery Lettuce).  
Los Angeles Market (New York), good header and shipper.  
Imperial F, special strain resistant to blight.
- Leaf varieties:** Early Curled Simpson, best left unthinned in row.  
Prizehead, very sweet, early, leaves red-edged. Oz., 20c. Pkt., 5c.
- MELONS—Muskmelons:** Hale's Best, round, orange flesh, fine flavor.  
Honey Dew, very sweet, green flesh.  
Persian, fine if thoroughly ripened on vines.  
Tip Top, ribbed, thick, sweet yellow flesh.  
Golden Hybrid Casaba. Pkt., 10c.
- Watermelons:** Klondike, oblong, dark green, very sweet.  
Striped Klondike (Improved Rattlesnake). Pkt., 10c.
- MUSTARD**—Sow any time; turnip-like leaves for greens; Chinese, Brussels-Sprouts flavor. Oz., 10c.  
Giant Southern Curled, vigorous. Oz., 20c. Pkt., 5c.
- OKRA (Gumbo)**—Sow April to July; pods used in soups, stews, and relishes; Dwarf Long Green Pod.  
Perkin's Mammoth Pod.  
White Velvet. Oz., 20c. Pkt., 10c.
- ONION**—Sow August to April; Bunching (Southport White Globe).  
Silverskin (White Portugal), for green onions, and best flat white cooking onion.  
Riverside Sweet Spanish, very large, yellowish, mild, delicious.  
White Bermuda (Crystal Wax), round, mild and sweet. Pkt., 10c.
- PARSLEY**—Sow any time; Paramount, new extra-curly strain, for garnishing.  
Hamburg, thick parsnip-like roots for flavoring.  
Plain, leaves for flavoring. Oz., 20c. Pkt., 5c.





**California Giant Zinnias are a Specialty**  
 Packets 10c . . . See page 57.

- PARSNIP, Hollow Crown**—Sow August to March; best given rich soil and plenty of water; improved by freezing in ground. Oz., 20c. Pkt., 5c.
- PEAS**—Sow September to February.  
**Dwarf:** Laxton's Progress (Improved Laxtonian), early.  
 Dwarf Telephone, large pods; mid-season.  
**Tall:** Alderman (Improved Telephone), medium early.  
 Melting Sugar (Edible Pod), cook whole pods when peas are half-developed. Lb., 30c. Pkt., 10c.
- PEPPER**—Sow in hot-bed January to April, outdoors May to June.  
**Sweet:** California Wonder Bell, thick flesh, green when young, turning bright red.  
**Pimiento**, cone-shaped, green, turning ruby.  
**Hot:** Anaheim Chili, pleasing pungency.  
 Floral Gem, small, for sauces and pickling; green, white, and red; often grown for pots. Pkt., 10c.
- PUMPKIN**—Sow March to July; Connecticut Field (Jack O'Lantern), for pies or stock.  
 New England Pie (Sugar), finest quality. Oz., 20c. Pkt., 5c.
- RADISH**—Sow any time; Early Scarlet Globe, best.  
 French Breakfast, olive-shaped, red.  
 Icicle, crisp and mild.  
 Long Scarlet.  
 Scarlet Turnip, White Tipped.  
 Large White Chinese Winter. Oz., 20c. Pkt., 5c.
- ROSELLE (Queensland Jelly Plant)**—Sow in April; ornamental; resists drought; use pods as soon as flowers drop, for jelly. Oz., 75c. Pkt., 10c.
- RUTABAGA (Swedish Turnip)**—Sow September to March; American Purple Top; larger, more mild and sweeter than turnips. Oz., 20c. Pkt., 5c.
- SALSIFY (Vegetable Oyster)**—Sow in spring, and dig in fall and winter; Mammoth Sandwich Island, best. Oz., 25c. Pkt., 5c.
- SPINACH**—Sow October to March; Giant Thick Leaved, large, tender, best warm-weather sort.  
 Prickly-seeded Dark Green, best winter.  
 New Zealand, spreading vine, with tips used like spinach for greens. 1 kt., 5c.

**SQUASH—Summer:** Early Bush Scallop (Patty Pan), Green-Type.

English Vegetable Marrow.

Italian Marrow (Zucchini)

Yellow Crookneck.

Yellow Straightneck.

**Winter:** Banana.

Hubbard.

Table Queen (Des Moines or Oregon), small and fine-flavored. Oz., 20c. Pkt., 5c.

**SWISS CHARD (Spinach Beet)** — Sow January to September; Large Ribbed White, leaves for greens and leafstalks good asparagus substitute.

Lucullus, curly leaves, for greens, or chickens. Oz., 15c. Pkt., 5c.

**TOMATO**—Sow January to March in hot-beds, outside in April; staking is advisable; Earliana, best early.

Ponderosa (Beefsteak), best large.

Scarlet Dawn, best new Stone-type, wilt-resistant.

Stone, excellent solid.

Yellow Pear, small, firm, mild.

Ground Cherry, small, light green, in husks. Pkt., 10c.

**TURNIP**—Sow September to March; Purple Top Globe, fine table sort.

Snowball.

Orange Jelly (Golden Ball), best yellow.

Seven-Top, for greens. Oz., 20c. Pkt., 5c.

### USE VITAMIN B<sub>1</sub>

Vitamin B<sub>1</sub> is a very general root growth factor, now available in commercial form. Used on cuttings, seedlings, and even in transplanting large plants such as shrubs and trees, much of the root-shock is avoided, with remarkable results. It may be used on all plants for increasing the root system, thereby adding to the growth and vigor of the plant providing that there is fertilizer available to these roots. (Vitamin B<sub>1</sub> is itself of course not a fertilizer.) Sick or dying plants have in most cases completely recovered when treated regularly with Vitamin B<sub>1</sub>.



The California Institute of Technology here in Pasadena has carried on experiments with Vitamin B<sub>1</sub> in their greenhouses for some years, and we sell and recommend the Crystalline form as commercially prepared, with full directions, by their Mr. George C. Warner.

50c size makes 250 gallons of solution; \$1.00 size 1000 gallons; \$2.00 size 2500 gallons; all sizes postpaid.



Have Every Feature You Want  
in a Garden Glove

**All-Leather—DIRT PROOF—Durable  
SOFT — Comfortable -- WASHABLE**

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents a pair. postpaid (2 pr. \$1.40.)

137 WEST COLORADO ♦ PASADENA, CALIF.

## For Dependable Seeds and Bulbs

Additional items may be written on the other side.

City \_\_\_\_\_ State \_\_\_\_\_

**Your friends** may like a copy of this catalog—just give us their **names and addresses.**

**BE SURE TO GIVE YOUR FULL NAME  
AND ADDRESS ON THE OTHER SIDE**

FROM

---

---

---

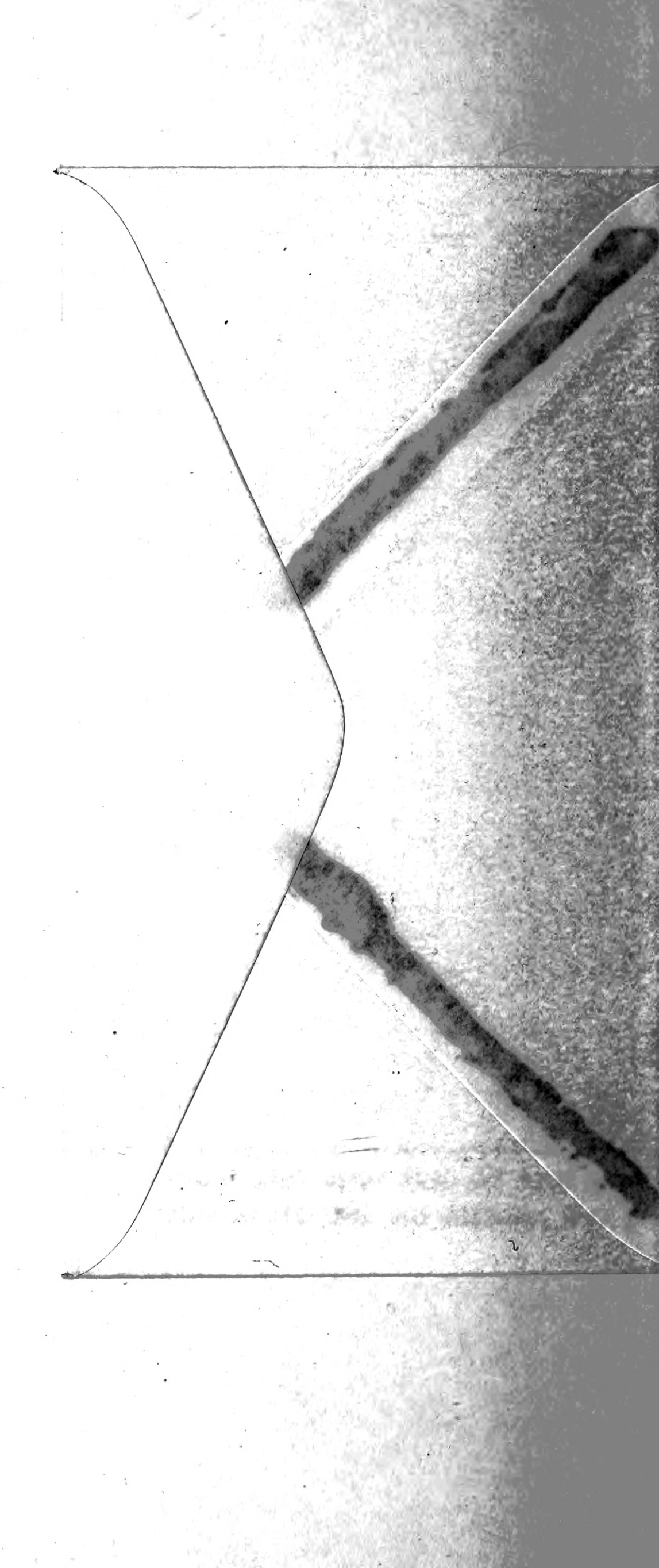
# CAMPBELL SEED STORE

137 WEST COLORADO STREET

PASADENA, CALIF.

*“Dependable Seeds”*





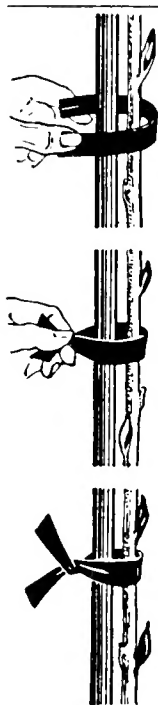
## GARDEN BOOKS

For added pleasure in gardening, or for specialized reading on your favorite garden subject, include one or several of these authoritative books with your seed order. Prices are postpaid.

<b>Azaleas and Camellias</b> , Hume...	14 ill.;	99 pp.	\$ 1.50
<b>Annuals, Book of</b> , Hottes.....	70 ill.;	170 pp.	1.50
<b>Bulbs, Book of</b> , Rockwell.....	187 ill.;	264 pp.	2.50
<b>Bulbs in Color</b> , McFarland.....	375 ill.;	296 pp.	3.50
<b>Climbing Plants, Book of</b> , Hottes	79 ill.;	250 pp.	1.75
<b>Cactus Book</b> , Houghton.....	18 ill.;	145 pp.	2.25
<b>Chemical Gardening for the Amateur</b> , Connors-Tiedjens...	69 ill.;	272 pp.	1.95
<b>Chrysanthemums Under Glass and Outdoors</b> , Laurie.....	33 ill.;	118 pp.	1.50
<b>Color and Succession of Bloom in the Flower Border</b> , Ortloff.	17 ill.;	232 pp.	2.50
<b>Commercial Floriculture</b> , Bahr..	330 ill.;	640 pp.	5.50
<b>Dahlia Culture, Modern</b> , Waite.	30 ill.;	134 pp.	1.50
<b>Delphiniums</b> , Leonian.....	10 ill.;	100 pp.	1.00
<b>Design of Small Properties</b> , Bottomley .....	64 ill.;	233 pp.	2.50
<b>Fertilizers</b> , Laurie & Edmond...	22 ill.;	147 pp.	2.00
<b>Fertilizers, Handbook of</b> , Gustafson .....	ill.;	160 pp.	1.75
<b>Flower Arrangement</b> , Grayson..	30 ill.;	137 pp.	3.00
<b>Flowers: East-West (Their Arrangement)</b> , Conway.....	ill.;	pp.	6.00
<b>Fragrant Path</b> , Wilder.....	ill.;	403 pp.	3.00
<b>Fertilizers, Handbook of</b> , Gustafson .....		160 pp.	1.75
<b>From a Sunset Garden</b> , Mitchell	.8 ill.;	337 pp.	2.50
<b>Garden Cinderellas (Lilies)</b> , Fox	51 ill.;	269 pp.	5.00
<b>Garden Dictionary</b> , Edited by Taylor.....	535 ill.;	896 pp.	7.50
<b>Garden Flowers in Color</b> , Stevens .....	400 color ill.;	310 pp.	1.98
<b>Garden Guide</b> , by 28 Specialists	300 ill.;	576 pp.	2.00
<b>Garden Pools</b> , Longyear.....	29 ill.;	91 pp.	1.00
<b>Gardener, The</b> , Bailey.....	116 ill.;	260 pp.	2.00
<b>Garden Encyclopedia</b> , Seymour..	7.50 ill.;	1400 pp.	4.00
<b>Gardening in California</b> , Mitchell	28 ill.;	300 pp.	2.50
<b>Gladiolus</b> , Rockwell.....	45 ill.;	79 pp.	1.25
<b>Gourds</b> , Dr. L. H. Bailey.....	42 ill.;	134 pp.	2.50
<b>Greenhouse, Gardening in the</b> , Dorrance .....	20 ill.;	129 pp.	1.50
<b>Hardy Californians</b> , Rowntree..	100 ill.;	255 pp.	3.50
<b>Herbs, Gardening With</b> , Fox...	12 ill.;	334 pp.	2.50
<b>Herb Garden</b> , Bardswell.....	16 color ill.;	189 pp.	3.00
<b>Hortus: A Concise Dictionary of Gardening</b> , Bailey.....	35 ill.;	652 pp.	5.00
<b>How to Arrange Flowers</b> , Biddle	35 ill.;	95 pp.	1.00
<b>Irises</b> , Rockwell.....	54 ill.;	80 pp.	1.25
<b>Lawns</b> , Rockwell.....	39 ill.;	87 pp.	1.25
<b>Lilies in the Garden</b> , Quint.....	18 ill.;	93 pp.	1.00
<b>Manual of Gardening</b> , Bailey... 350 ill.;		539 pp.	3.00
<b>Modern Dahlia Culture</b> , Waite..	ill.;	130 pp.	1.50
<b>Mushrooms</b> , Falconer.....	30 ill.;	165 pp.	1.75
<b>Nursery Manual</b> , Bailey.....	240 ill.;	456 pp.	2.50
<b>Orchid Culture, American</b> , White	124 ill.;	260 pp.	5.00
<b>Ornamental Plants for Sub-tropical Regions</b> , Hoyt.....	prof. ill.;	380 pp.	3.00
<b>Perennials, Book of</b> , Hottes....	70 ill.;	200 pp.	1.50
<b>Pinks, The Garden of</b> , Bailey... 44 ill.;		93 pp.	3.00
<b>Propagation of Plants</b> , Kains..	prof. ill.;	450 pp.	3.50
<b>Prune Western Shrubs, How to</b> , Martin .....	35 diag.;	110 pp.	1.00
<b>Plant Propagation, 999 Questions Answered</b> , Hottes.....	136 ill.;	238 pp.	2.00
<b>Pronouncing Dictionary</b> .....	ill.;	100 pp.	.60
<b>Rock Garden</b> , Rockwell.....	32 ill.;	86 pp.	1.25
<b>Roses of the World in Color</b> , McFarland & Pyle.....	250 color ill.;	290 pp.	3.50
<b>Roses, How to Grow</b> , McFarland & Pyle.....	32 color ill.;	190 pp.	1.00
<b>Shrubs</b> , Rockwell.....	49 ill.;	76 pp.	1.25
<b>Shrubs, The Book of</b> , Hottes....	190 ill.;	448 pp.	3.00
<b>Standard Cyclopaedia of Horticulture</b> , Bailey....	3 vol.; 5000 ill.;	3637 pp.	15.00
<b>Sunset's Complete Western Garden Book</b> .....			1.00
<b>Tropical Garden</b> , Kuck & Tongg	46 ill.;	378 pp.	3.00
<b>Tuberous Begonias and Their Culture</b> , Otten .....	36 ill.;	81 pp.	1.25



Giant Gerbera Hybrids, the Transvaal Daisy, See page 29.



Place  
'Twist-ems'  
around  
stem and  
support

Twist ends  
between  
finger and  
thumb

In a  
"flash"  
stem is  
securely  
tied

## 'TWIST-EMS'

THE NEW HANDY PLANT-TIE . . .

"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties.

Quick, Permanent, Attractive, Convenient.

For Nurseries, Estates, and Amateur Gardeners.

For Plants, Shrubs, Vines, and arranging of Flowers.

Box of 125—8 inch size.....25c

Box of 250—4 inch size.....25c

Sent Postpaid with your  
Seed Order

### Vigoro Prices

100 lb.	.....\$3.50
50 lb.	..... 2.30
25 lb.	..... 1.40
10 lb.	..... .70
5 lb.	..... .45
1 lb.	..... .10
f.o.b. Pasadena	

for Better Flowers  
feed them this complete,  
balanced diet

**VIGORO**  
Complete plant food

